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=> fil reg
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STRUCTURE FILE UPDATES:   19 DEC 2006  HIGHEST RN 916029-54-4
DICTIONARY FILE UPDATES:  19 DEC 2006  HIGHEST RN 916029-54-4

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d que stat l6
L6                STR
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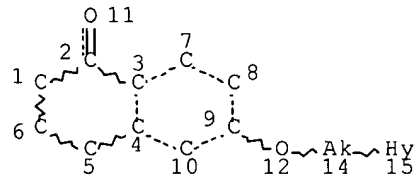


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GGCAT   IS UNS  AT  15
DEFAULT ECLEVEL IS LIMITED
ECOUNT  IS M3 C  M2 N  AT  15

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  14

STEREO ATTRIBUTES: NONE


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FILE 'HCAPLUS' ENTERED AT 16:27:12 ON 20 DEC 2006
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FILE COVERS 1907 - 20 Dec 2006 VOL 145 ISS 26
FILE LAST UPDATED: 19 Dec 2006 (20061219/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> d que nos l11
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L8      1762424 SEA FILE=REGISTRY ABB=ON  PLU=ON  NCNC2/ESS
L10         479 SEA FILE=REGISTRY SUB=L8 SSS FUL L6
L11          12 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L10


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FILE 'MARPAT' ENTERED AT 16:27:31 ON 20 DEC 2006
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FILE CONTENT: 1961-PRESENT VOL 145 ISS 25 (20061215/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US  20060247444 02 NOV 2006
DE 102005020105 26 OCT 2006
EP      1717297 02 NOV 2006
JP   2006302757 02 NOV 2006
WO   2006116773 02 NOV 2006
GB      2425654 01 NOV 2006
FR      2884821 27 OCT 2006
RU      2286328 27 OCT 2006
CA      2545188 28 OCT 2006

Expanded G-group definition display now available.

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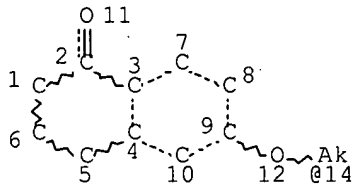

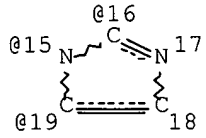

VPA 14-16/15/19 U
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
L21 21 SEA FILE=MARPAT SSS FUL L15

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FILE LAST UPDATED: 18 DEC 2006 <20061218/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200681 <200681/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> YOU ARE IN THE NEW AND ENHANCED DERWENT WORLD PATENTS INDEX <<<

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PLEASE SEE
http://www.stn-international.de/stndatabases/details/dwpi_r.html <<<

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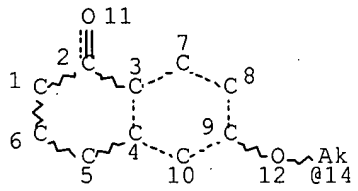

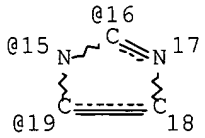


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DEFAULT ECLEVEL IS LIMITED

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RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  18

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L28           4 SEA FILE=WPIX ABB=ON  PLU=ON  L25 OR L26


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FILE 'HCAPLUS' ENTERED AT 16:28:17 ON 20 DEC 2006
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FILE 'WPIX' ENTERED AT 16:28:17 ON 20 DEC 2006
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PROCESSING COMPLETED FOR L11
PROCESSING COMPLETED FOR L21
PROCESSING COMPLETED FOR L28
L40          30 DUP REM L11 L21 L28 (7 DUPLICATES REMOVED)
                ANSWERS '1-12' FROM FILE HCAPLUS
                ANSWERS '13-29' FROM FILE MARPAT
                ANSWER '30' FROM FILE WPIX

=> d 140 ibib abs hitstr 1-12;d 140 ibib abs qhit 13-29;d 140 ibib abs hitstr 30

L40  ANSWER 1 OF 30  HCAPLUS  COPYRIGHT 2006 ACS on STN DUPLICATE 1
ACCESSION NUMBER:         2003:376828  HCAPLUS  Full-text
DOCUMENT NUMBER:          138:368893
TITLE:                    Preparation and use of substituted imidazoles as
                          selective histamine H3 receptor agonists
INVENTOR(S):              Rudolf, Klaus; Hurnaus, Rudolf; Stenkamp, Dirk;
                          Mueller, Stephan; Krist, Bernd
PATENT ASSIGNEE(S):       Boehringer Ingelheim International Gmbh, Germany; Novo
                          Nordisk A/S
SOURCE:                   PCT Int. Appl., 92 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
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     WO 2003040106         A1    20030515    WO 2002-EP12305         20021105
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10155202	A1	20030731	DE 2001-10155202	20011109
EP 1446385	A1	20040818	EP 2002-802645	20021105
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JP 2005508986	T	20050407	JP 2003-542152	20021105
US 2003181479	A1	20030925	US 2002-290615	20021108
US 2004127718	A1	20040701	US 2003-741880	20031219
PRIORITY APPLN. INFO.:			DE 2001-10155202 A	20011109
			US 2001-334209P P	20011129
			WO 2002-EP12305 W	20021105
			US 2002-290615 B1	20021108

OTHER SOURCE(S): MARPAT 138:368893

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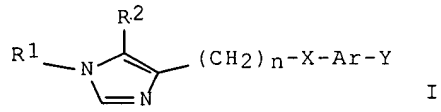


I

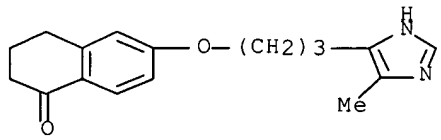
AB The present invention relates to novel substituted imidazoles (shown as I; variables defined below; e.g. N-trityl-3-(5-methyl-1H-imidazol-4-yl)propan- 1-ol), to the use of these compds. as medicaments, to pharmaceutical compns. comprising the compds., and to a method of treatment employing these compds. and compns. The present compds. show a high and selective binding affinity to the histamine H3 receptor indicating a histamine H3 receptor antagonistic or agonistic activity. As a result, the compds. are useful for the treatment of disorders related to the histamine H3 receptor. More particularly, the present compds. possess a histamine H3 receptor agonistic activity and are accordingly useful in the treatment of disorders in which a histamine H3 receptor activation is beneficial. IC50 values for binding to the histamine H3 receptor were determined for 2 examples of I, e.g. <50 nM for 4-[3-(3-iodobenzyloxy)propyl]-5-methyl-1H-imidazole. Compds. I do not show a high affinity for histamine H1 and H2 receptors. Preparation methods are claimed and 17 example prepns. plus characterization data for many more I are included. For example, 5-methyl-4-(3- phenoxypropyl)-1H-imidazole was prepared from N-trityl-3-(5-methyl-1H- imidazol-4-yl)propan-1-ol (5 mmol), Ph3P (6 mmol), phenol (5 mmol) and di-Et azodicarboxylate (6 mmol) in THF; the trityl reactant was prepared in 3 steps starting from 5-methyl-1H-imidazole-4-carboxaldehyde and involving intermediates 3-(5-methyl-1H-imidazol-4-yl)propionic acid Me ester and its N-trityl derivative For I: R1 is H or a functional group which can be converted into a H atom in vivo; R2 is a C1-6-alkyl, C3-7-cycloalkyl, aryl or aryl-C1-2-alkyl; n is 2, 3, 4 or 5; X is O, S, -CO-, -OCH2- or -SOCH2-. Ar is phenylene or naphthylene, a 5-membered heteroarylene linked via a C or N atom or a 6-membered heteroarylene group containing one or two N atoms, while the above-mentioned phenylene or 5- or 6-membered heteroarylene groups are optionally condensed via pairs of two adjacent C atoms with one or two saturated, unsatd. or aromatic carbocyclic or

heterocyclic groups, which are optionally substituted by one or two carbonyl or C1-3-alkyl groups, and the resulting condensed bi- or tricycles may be linked to X via the carbocyclic or heterocyclic moiety. Y is H, F, Cl, Br, I, hydroxy, cyano, C1-6-alkyl, C3-7-cycloalkyl, acetylene, C1-4-alkylacetylene, C1-4-alkylcarbonyl, C3-7-cycloalkylcarbonyl, -C(:NOH)CH3, Ph, 5- or 6-membered heteroaryl, C1-6-alkyloxy or phenyloxy; addnl. details are given in the claims. Claimed applications include treatment of ischemic arrhythmias, myocardial ischemia and myocardial infarction, asthma, chronic vasomotor rhinitis, pain or as a gastroprotective drug. Four pharmaceutical formulations and methods for preparing them are described.

IT ***524011-59-4P***, 6-[3-(5-Methyl-1H-imidazol-4-yl)propoxy]-3,4-dihydro-2H-naphthalen-1-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation and use of substituted imidazoles as selective histamine H3 receptor agonists)

RN 524011-59-4 HCAPLUS

CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(5-methyl-1H-imidazol-4-yl)propoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 2 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2001:780862 HCAPLUS Full-text
DOCUMENT NUMBER: 135:331423
TITLE: Preparation of 5-substituted tetralones as inhibitors of ras farnesyl transferase for treatment of proliferative diseases
INVENTOR(S): Denny, William Alexander; Hutchings, Richard H.; Johnson, Douglas S.; Kaltenbronn, James Stanley; Lee, Ho Huat; Leonard, Daniele Marie; Milbank, Jared Bruce John; Repine, Joseph Thomas; Rewcastle, Gordon William; White, Andrew David
PATENT ASSIGNEE(S): Warner-Lambert Co., USA
SOURCE: PCT Int. Appl., 358 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079180	A2	20011025	WO 2001-US12490	20010416
WO 2001079180	A3	20020523		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,

LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2405696	A1	20011025	CA 2001-2405696	20010416
BR 2001010142	A	20030121	BR 2001-10142	20010416
EP 1276725	A2	20030122	EP 2001-927121	20010416
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531143	T	20031021	JP 2001-576781	20010416
US 2004044057	A1	20040304	US 2003-257301	20030519
US 6943183	B2	20050913		

PRIORITY APPLN. INFO.: US 2000-197485P P 20000417
WO 2001-US12490 W 20010416

OTHER SOURCE(S): MARPAT 135:331423

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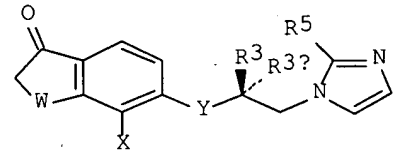

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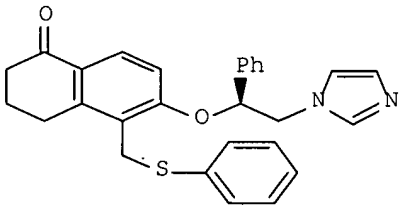


II

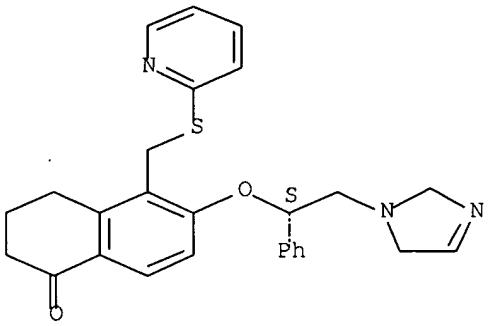
AB Title compds. I [wherein W = CH2 or CH2CH2; R3 = H, alkyl, or (un)substituted Ph; R3a = H or alkyl; provided that R3 and R3a cannot both be H and that when R3 = (un)substituted Ph, then R3a = H; X = halo, NH2, alkyl, alkenyl, heteroaryl, CH2OR6, CH2NR6R6a, CH2SR6, CH2CH2CO2R6, or (un)substituted aryl, or (hetero)arylalkyl; R6 = H, (cyclo)alkyl, alkenyl, benzyl, or (un)substituted Ph; R6a = H or alkyl; Y = O or S; R5 = H, alkyl, or NH2; and pharmaceutically acceptable salts, esters, amides, and prodrugs thereof] were prepared and formulated as farnesyl transferase enzyme inhibitors. For example, coupling of 5-chloromethyl-6-hydroxy- 2,3,4-trihydronaphthalen-1-one with thiophenol using diisopropylamine in THF (58%), followed by addition of (R)-2-imidazol-1-yl-1-phenylethanol in the presence of PPh3 and di-Et azodicarboxylate in THF (31%), gave II. The latter inhibited farnesyl protein transferase (FPT) with IC50 of 0.3 nM. I are useful for treating and preventing uncontrolled or abnormal proliferation of tissues, such as cancer, atherosclerosis, restenosis, and psoriasis (no data).

IT *368883-02-7P 368883-03-8P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-pyridylsulfonyl)methyl]-2,3,4-trihydronaphthalen-1-one
368883-11-8P 368883-37-8P 368883-39-0P
368884-12-2P 368884-13-3P 368884-15-5P
368884-16-6P 368884-31-5P, 6-((1S)-2-Imidazolyl-1-

phenylethoxy)-5-(bromomethyl)-2,3,4-trihydronaphthalen-1-one hydrobromide
368884-36-0P, Methyl 3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzoate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(intermediate; preparation of 5-substituted tetralones as Ras farnesyl
transferase inhibitors for treatment of proliferative diseases, such as
cancer, atherosclerosis, restenosis, and psoriasis)

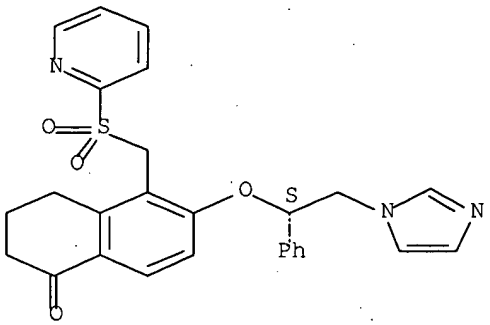
RN 368883-02-7 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[(1S)-2-(2,5-dihydro-1H-imidazol-1-yl)-1-
phenylethoxy]-3,4-dihydro-5-[(2-pyridinylthio)methyl]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



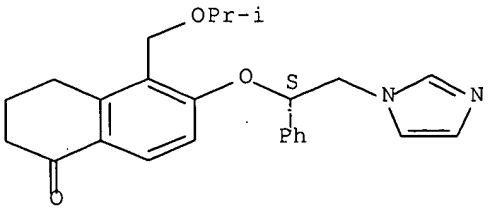
RN 368883-03-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethoxy]-5-[(2-pyridinylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



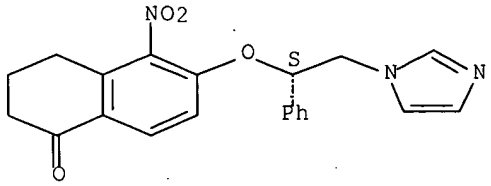
RN 368883-11-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethoxy]-5-[(1-methylethoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



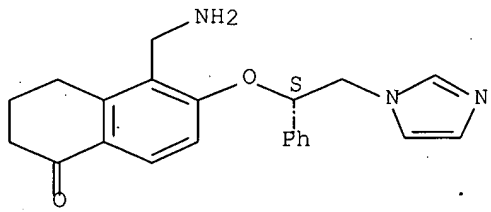
RN 368883-37-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-nitro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368883-39-0 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(aminomethyl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-, dihydrochloride (9CI) (CA INDEX NAME)

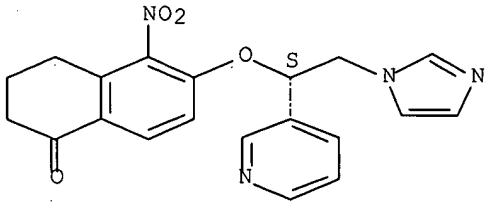
Absolute stereochemistry.



●2 HCl

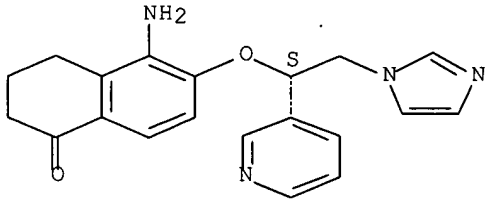
RN 368884-12-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-nitro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



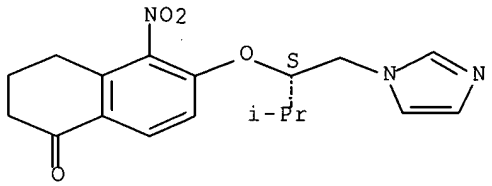
RN 368884-13-3 HCAPLUS
CN 1(2H)-Naphthalenone, 5-amino-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



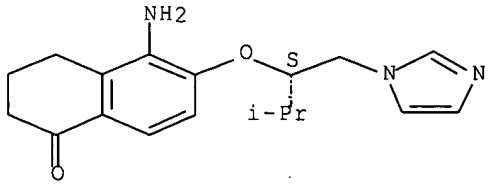
RN 368884-15-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-nitro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



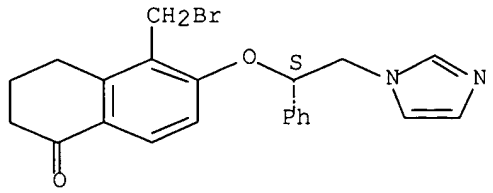
RN 368884-16-6 HCAPLUS
CN 1(2H)-Naphthalenone, 5-amino-3,4-dihydro-6-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368884-31-5 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(bromomethyl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-, monohydrobromide (9CI) (CA INDEX NAME)

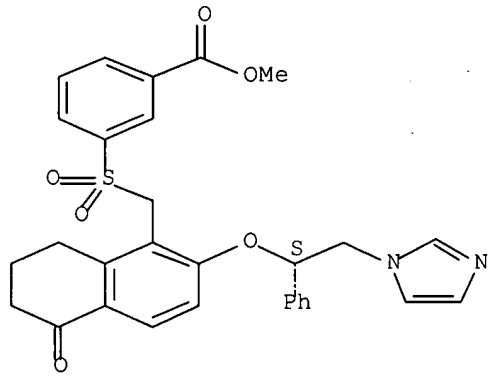
Absolute stereochemistry.



● HBr

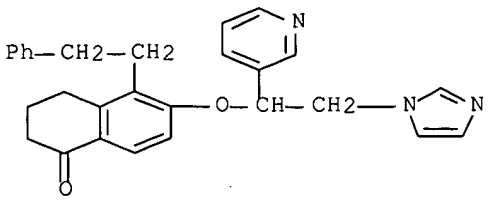
RN 368884-36-0 HCAPLUS
CN Benzoic acid, 3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



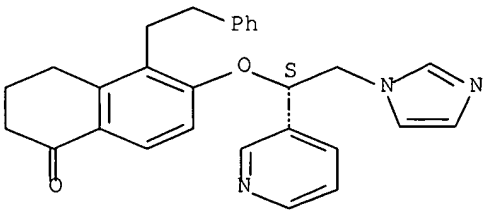
IT ***368883-98-1P***, (±)-6-[2-Imidazolyl-1-(3-pyridyl)ethoxy]-5-(2-phenylethyl)-2,3,4-trihydronaphthalen-1-one
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)

RN 368883-98-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)



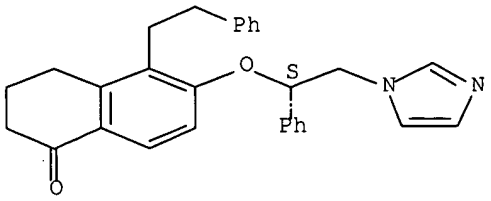
IT *369639-18-9P*
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)
RN 369639-18-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



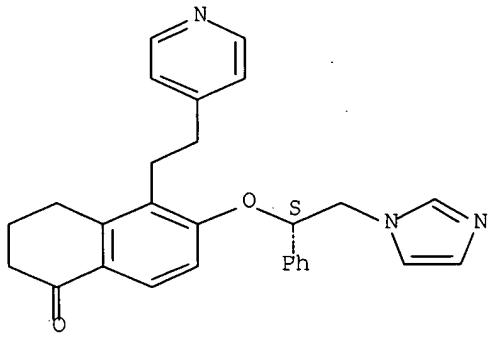
IT *368879-97-4P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-phenylethyl)-2,3,4-trihydronaphthalen-1-one *368880-02-8P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[2-(4-pyridyl)ethyl]-2,3,4-trihydronaphthalen-1-one *368881-42-9P 368881-96-3P 368881-97-4P 368882-00-2P 368882-01-3P 368883-89-0P 368884-05-3P*, (±)-6-[2-Imidazolyl-1-(2-thienyl)ethoxy]-5-prop-2-enyl-2,3,4-trihydronaphthalen-1-one
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)
RN 368879-97-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



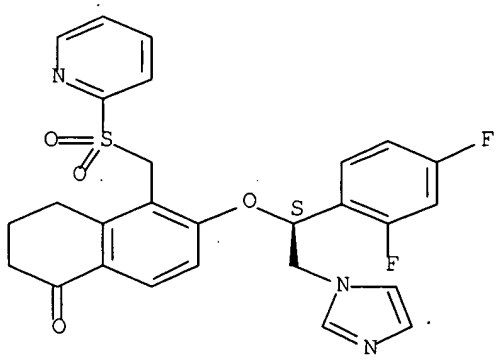
RN 368880-02-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-42-9 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[(1S)-1-(2,4-difluorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-[(2-pyridinylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

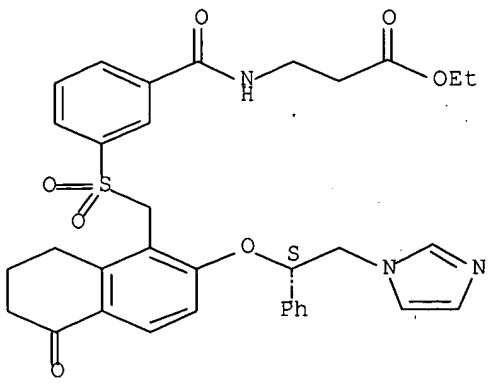
Absolute stereochemistry.



RN 368881-96-3 HCAPLUS
CN β-Alanine, N-[3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]-, ethyl ester

(9CI) (CA INDEX NAME)

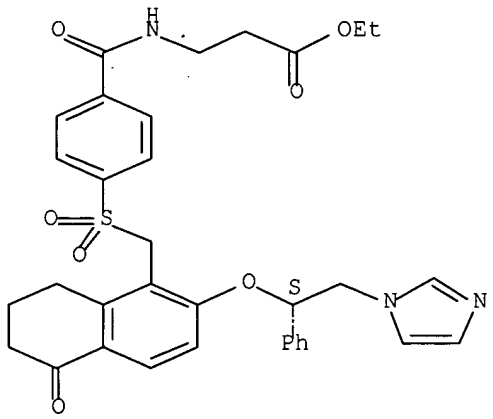
Absolute stereochemistry.



RN 368881-97-4 HCAPLUS

CN β-Alanine, N-[4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]-, ethyl ester (9CI) (CA INDEX NAME)

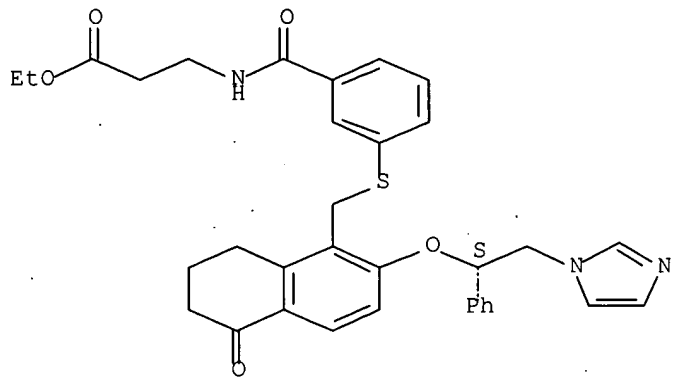
Absolute stereochemistry.



RN 368882-00-2 HCAPLUS

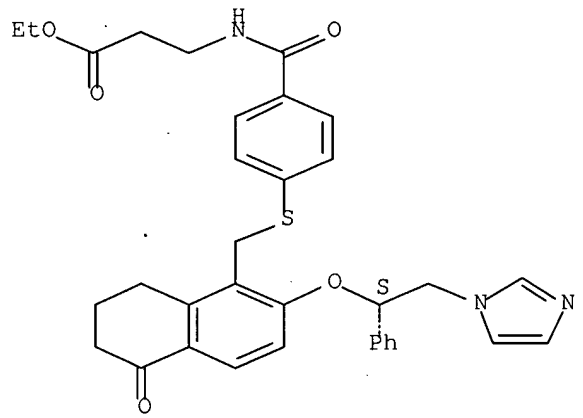
CN β-Alanine, N-[3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



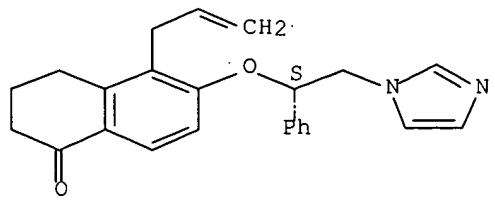
RN 368882-01-3 HCAPLUS
CN β-Alanine, N-[4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

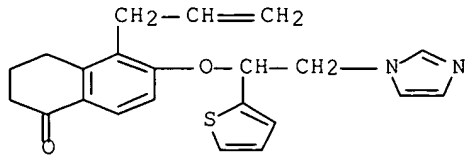


RN 368883-89-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-propenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368884-05-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-thienyl)ethoxy]-5-(2-propenyl)- (9CI) (CA INDEX NAME)



IT ***367928-46-9P 368879-80-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(phenylthiomethyl)-2,3,4-trihydronaphthalen-1-one ***368879-81-6P***, Methyl 2-[[2-((1S)-2-imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]methylthio]benzoate ***368879-82-7P***, 2-[[2-((1S)-2-Imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]methylthio]benzoic acid ***368879-83-8P 368879-84-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(phenylamino)methyl]-2,3,4-trihydronaphthalen-1-one ***368879-85-0P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(methylphenylamino)methyl]-2,3,4-trihydronaphthalen-1-one ***368879-86-1P***, Methyl 4-[[[2-((1S)-2-imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]methyl]methylamino]benzoate ***368879-88-3P 368879-89-4P 368879-90-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(phenylmethoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368879-91-8P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(cyclopentyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368879-92-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(prop-2-enyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368879-93-0P 368879-94-1P 368879-95-2P 368879-96-3P 368879-98-5P***, 5-(2H-Benzo[d]-1,3-dioxolan-5-yl)-6-((1S)-2-imidazolyl-1-phenylethoxy)-2,3,4-trihydronaphthalen-1-one ***368879-99-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(3-chlorophenyl)-2,3,4-trihydronaphthalen-1-one ***368880-00-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-naphthyl)-2,3,4-trihydronaphthalen-1-one ***368880-01-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[2-(2-pyridyl)ethyl]-2,3,4-trihydronaphthalen-1-one ***368880-03-9P***, (S)-6-(-2-Imidazol-1-yl-1-phenylethoxy)-5-(2-pyridin-3-ylethyl)-3,4-dihydro-2H-naphthalen-1-one ***368880-04-0P***, Methyl 4-[2-[2-((1S)-2-imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]ethyl]benzoate ***368880-05-1P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[2-(4-fluorophenyl)ethyl]-2,3,4-trihydronaphthalen-1-one ***368880-06-2P***, Methyl 3-[2-((1S)-2-imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]propanoate ***368880-07-3P***, 3-[2-((1S)-2-Imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]propanoic acid ***368880-08-4P***, 4-[[2-((1S)-2-Imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]methyl]benzenecarbonitrile ***368880-09-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-bromo-2,3,4-trihydronaphthalen-1-one ***368880-10-8P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(3-thienyl)-2,3,4-trihydronaphthalen-1-one ***368880-12-0P 368880-13-1P***, 5-Amino-6-((S)-2-imidazol-1-yl-1-phenylethoxy)-3,4-dihydro-2H-naphthalen-1-one ***368880-14-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-phenylpropyl)-2,3,4-trihydronaphthalen-1-one ***368880-15-3P 368880-16-4P***, 6-((S)-2-Imidazol-1-yl-1-phenylethoxy)-5-(3-phenylpropyl)-3,4-dihydro-2H-naphthalen-1-one ***368880-17-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-benzyl-2,3,4-

trihydronaphthalen-1-one ***368880-18-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-propyl-2,3,4-trihydronaphthalen-1-one ***368880-19-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-methylprop-2-enyl)-2,3,4-trihydronaphthalen-1-one ***368880-21-1P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-methylpropyl)-2,3,4-trihydronaphthalen-1-one ***368880-23-3P***, 6-[2-(1H-Imidazol-1-yl)-1,1-dimethylethoxy]-5-(2-phenylethyl)-3,4-dihydro-1(2H)-naphthalenone ***368880-26-6P***, (S)-6-(1-Imidazol-1-ylmethyl-2-methylpropoxy)-5-(2-pyridin-4-ylethyl)-3,4-dihydro-2H-naphthalen-1-one ***368880-27-7P*** ***368880-28-8P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(methoxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-30-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(phenoxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-32-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[[3-(tert-butyl)phenoxy]methyl]-2,3,4-trihydronaphthalen-1-one ***368880-34-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3-chlorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-36-8P*** ***368880-38-0P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3,5-dimethoxyphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-40-4P*** ***368880-41-5P*** ***368880-42-6P*** ***368880-43-7P*** ***368880-45-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-ethoxyphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-47-1P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-ethoxyphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-49-3P*** ***368880-50-6P*** ***368880-51-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-ethylphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-52-8P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-naphthyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-53-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-chloro-5-methylphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-54-0P*** ***368880-55-1P*** ***368880-56-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2,4,6-trimethylphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-57-3P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[[4-(methylpropyl)phenoxy]methyl]-2,3,4-trihydronaphthalen-1-one ***368880-58-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[[4-(trifluoromethyl)phenoxy]methyl]-2,3,4-trihydronaphthalen-1-one ***368880-59-5P*** ***368880-60-8P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(8-quinolyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-61-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-chlorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-62-0P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3-methylphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-63-1P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-methylphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-64-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-fluorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-65-3P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3-fluorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-66-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-fluorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-67-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(naphthyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-68-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3-methoxyphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-69-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-chlorophenoxy)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-70-0P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(6-quinolyloxymethyl)-2,3,4-trihydronaphthalen-1-one ***368880-71-1P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-bromophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-72-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-fluorophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368880-73-3P***, N-[4-[[2-((1S)-2-Imidazolyl-1-phenylethoxy)-5-oxo-6,7,8-trihydronaphthyl]methylthio]phenyl]acetamide ***368880-74-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-hydroxyphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one

368880-75-5P, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-methylphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-76-6P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-methylpropylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-77-7P 368880-78-8P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-bromophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-79-9P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-chlorophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-80-2P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2,6-dichlorophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-81-3P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-methoxyphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-82-4P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-methylphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-83-5P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-methoxyphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-84-6P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-nitrophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-85-7P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(3-methoxyphenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-86-8P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-chlorophenylthio)methyl]-2,3,4-trihydronaphthalen-1-one *368880-87-9P 368880-88-0P 368880-89-1P 368880-90-4P 368880-91-5P 368880-92-6P*, Methyl 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzoate *368880-93-7P*, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzoic Acid *368880-94-8P*, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzoic Acid *368880-95-9P 368880-96-0P 368880-97-1P 368880-98-2P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(4-pyridylthiomethyl)-2,3,4-trihydronaphthalen-1-one *368880-99-3P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-pyridylthiomethyl)-2,3,4-trihydronaphthalen-1-one *368881-00-9P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-pyridylsulfonyl)methyl]-2,3,4-trihydronaphthalen-1-one hydrochloride *368881-01-0P*, 6-((S)-2-Imidazol-1-yl-1-phenylethoxy)-5-(naphthalen-1-ylthiomethyl)-3,4-dihydro-2H-naphthalen-1-one *368881-02-1P 368881-03-2P*, 5-(3,4-Dichlorobenzylthiomethyl)-6-((1S)-2-imidazol-1-yl-1-phenylethoxy)-3,4-dihydro-2H-naphthalen-1-one *368881-04-3P*, (S)-6-[2-[2-(Hydroxymethyl)-1H-imidazol-1-yl]-1-phenylethoxy]-5-[(phenylsulfonyl)methyl]-3,4-dihydro-1(2H)-naphthalenone *368881-05-4P*, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-methoxyethoxy)methyl]-2,3,4-trihydronaphthalen-1-one *368881-06-5P 368881-07-6P 368881-08-7P 368881-09-8P*, N-[2-((S)-2-Imidazol-1-yl-1-phenylethoxy)-5-oxo-5,6,7,8-tetrahydronaphthalen-1-yl]benzenesulfonamide *368881-10-1P*, N-[2-((S)-2-Imidazol-1-yl-1-phenylethoxy)-5-oxo-5,6,7,8-tetrahydronaphthalen-1-yl]-1-phenylmethanesulfonamide *368881-11-2P*, N-[2-((S)-2-Imidazol-1-yl-1-phenylethoxy)-5-oxo-5,6,7,8-tetrahydronaphthalen-1-yl]-2-pyridin-2-ylacetamide *368881-12-3P*, Pyridine-2-carboxylic acid N-[2-((S)-2-imidazol-1-yl-1-phenylethoxy)-5-oxo-5,6,7,8-tetrahydronaphthalen-1-yl]amide *368881-13-4P 368881-14-5P 368881-15-6P 368881-16-7P 368881-17-8P 368881-18-9P 368881-19-0P 368881-20-3P 368881-21-4P 368881-22-5P 368881-24-7P 368881-26-9P 368881-28-1P 368881-30-5P 368881-32-7P 368881-33-8P 368881-34-9P 368881-35-0P 368881-36-1P 368881-37-2P 368881-38-3P 368881-39-4P*,

6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-phenoxy-2,3,4-trihydronaphthalen-1-one ***368881-40-7P 368881-41-8P 368881-43-0P***, 6-[[1-(1H-Imidazol-1-ylmethyl)pentyl]oxy]-5-[(phenylsulfonyl)methyl]-3,4-dihydro-1(2H)-naphthalenone ***368881-44-1P 368881-45-2P 368881-46-3P 368881-47-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[[4-(trifluoromethoxy)phenoxy]methyl]-2,3,4-trihydronaphthalen-1-one ***368881-48-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[[4-(phenoxy)phenoxy]methyl]-2,3,4-trihydronaphthalen-1-one ***368881-49-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-hydroxyethylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368881-50-9P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2-phenylethylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368881-51-0P 368881-52-1P 368881-53-2P 368881-54-3P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(1-methylimidazol-2-ylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368881-55-4P 368881-56-5P 368881-57-6P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-furylthiomethyl)-2,3,4-trihydronaphthalen-1-one ***368881-58-7P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(5-nitrobenzimidazol-2-ylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368881-59-8P 368881-60-1P 368881-61-2P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(2,2,2-trifluoroethylthio)methyl]-2,3,4-trihydronaphthalen-1-one ***368881-62-3P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-naphthylthiomethyl)-2,3,4-trihydronaphthalen-1-one ***368881-63-4P 368881-64-5P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(2-quinolylthiomethyl)-2,3,4-trihydronaphthalen-1-one ***368881-65-6P 368881-66-7P 368881-67-8P 368881-68-9P 368881-69-0P 368881-70-3P 368881-71-4P 368881-72-5P 368881-73-6P***, Methyl 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzoate ***368881-74-7P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzoic Acid ***368881-75-8P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzoic Acid ***368881-76-9P***, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzoic Acid ***368881-77-0P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-methylbenzamide ***368881-78-1P***, N-(2-Hydroxyethyl)-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368881-79-2P 368881-80-5P 368881-81-6P 368881-82-7P 368881-83-8P 368881-84-9P 368881-85-0P***, N-(2-Hydroxyethyl)-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368881-86-1P***, N-(2-Hydroxyethyl)-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368881-87-2P***, N-(2-Hydroxyethyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368881-88-3P***, N-(2-Hydroxyethyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368881-89-4P***, N-(2-Hydroxyethyl)-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368881-90-7P***, N-[2-(Dimethylamino)ethyl]-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368881-91-8P***, N-[2-(Dimethylamino)ethyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-

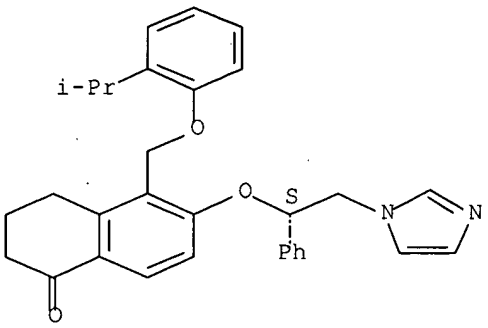
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benza
mide ***368881-92-9P***, N-[2-(Dimethylamino)ethyl]-2-[[[2-[[(1S)-2-
(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]thio]benzamide ***368881-93-0P***,
N-[2-(Dimethylamino)ethyl]-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368881-94-1P***, N-[2-(Dimethylamino)ethyl]-4-[[[2-[[(1S)-
2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]benzamide ***368881-95-2P***,
N-[2-(Dimethylamino)ethyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368881-98-5P*** ***368881-99-6P***
368882-02-4P, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-
N-methylbenzamide ***368882-03-5P***, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-
yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]-N-methylbenzamide ***368882-04-6P***,
4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-
tetrahydro-1-naphthalenyl]methyl]thio]-N-methylbenzamide
368882-05-7P, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-
methylbenzamide ***368882-06-8P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-
1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-
methylbenzamide ***368882-07-9P***, N-((2R)-2-Hydroxypropyl)-2-[[[2-
[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]thio]benzamide ***368882-08-0P***,
N-((2R)-2-Hydroxypropyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benza
mide ***368882-09-1P***, N-((2S)-2-Hydroxypropyl)-4-[[[2-[[(1S)-2-(1H-
imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]thio]benzamide ***368882-10-4P***,
N-((2S)-2-Hydroxypropyl)-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benza
mide ***368882-11-5P***, N-((2S)-2-Hydroxypropyl)-2-[[[2-[[(1S)-2-(1H-
imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]thio]benzamide ***368882-12-6P***,
N-((2S)-2-Hydroxypropyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368882-13-7P***, N-((2S)-2-Hydroxypropyl)-3-[[[2-[[(1S)-2-
(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]benzamide ***368882-14-8P***,
N-((2S)-2-Hydroxypropyl)-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368882-15-9P***, N-((2R)-2-Hydroxypropyl)-2-[[[2-[[(1S)-2-
(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]benzamide ***368882-16-0P***,
N-((2R)-2-Hydroxypropyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368882-17-1P***, N-((2R)-2-Hydroxypropyl)-3-[[[2-[[(1S)-2-
(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]benzamide ***368882-18-2P***,
N-Allyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-
5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide
368882-19-3P, N-Allyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-
phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]b
enzamide ***368882-20-6P***, N-Allyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-
yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-
naphthalenyl]methyl]sulfonyl]benzamide ***368882-21-7P***,
N-Allyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-
5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide

368882-22-8P, N-Allyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-23-9P***, N-Allyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-24-0P***
, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-propynyl)benzamide ***368882-25-1P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-propynyl)benzamide ***368882-26-2P***, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-propynyl)benzamide ***368882-27-3P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-propynyl)benzamide ***368882-28-4P***, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-propynyl)benzamide ***368882-29-5P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-propynyl)benzamide ***368882-30-8P***
, N-Cyclopentyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-31-9P***, N-Cyclopentyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-32-0P***, N-Cyclopentyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-33-1P***, N-Cyclopentyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-34-2P***, N-Cyclopentyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-35-3P***, N-Cyclopentyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-36-4P***, N-Cyclopropyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-37-5P***, N-Cyclopropyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-38-6P***, N-Cyclopropyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)

RN 367928-46-9 HCAPLUS

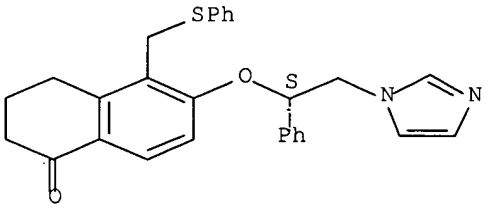
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[2-(1-methylethyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



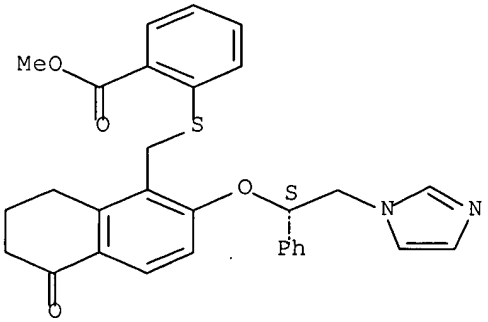
RN 368879-80-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



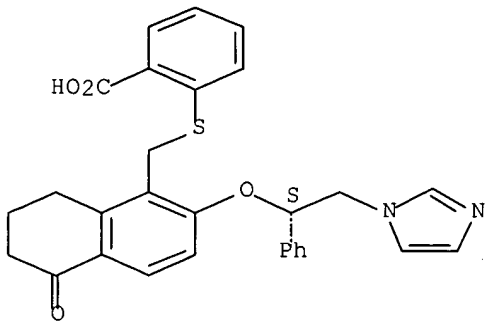
RN 368879-81-6 HCAPLUS
CN Benzoic acid, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



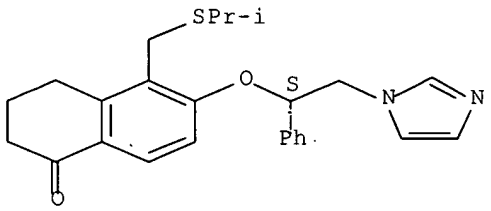
RN 368879-82-7 HCAPLUS
CN Benzoic acid, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



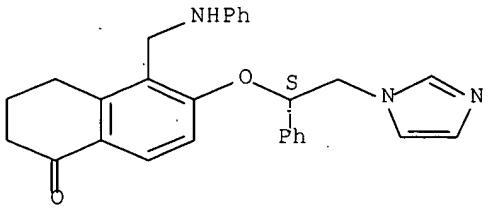
RN 368879-83-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(1-methylethyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



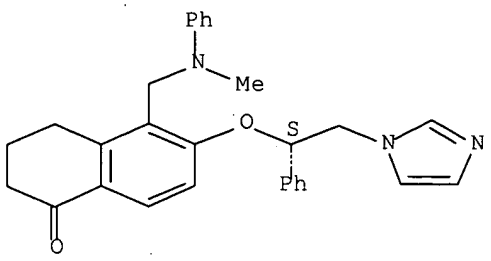
RN 368879-84-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylamino)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



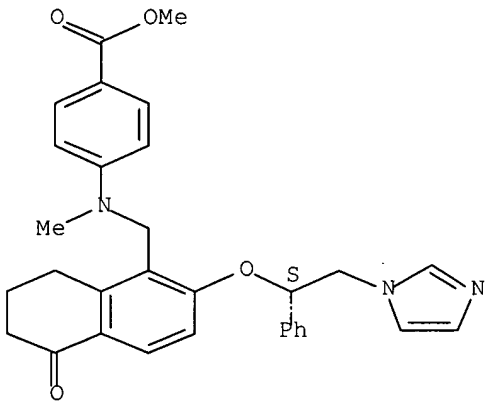
RN 368879-85-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(methylphenylamino)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368879-86-1 HCAPLUS
CN Benzoic acid, 4-[methyl[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

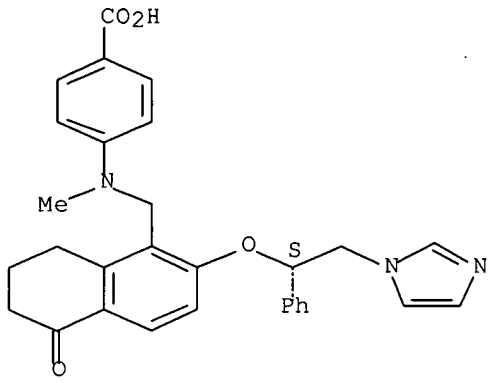


RN 368879-88-3 HCAPLUS
CN Benzoic acid, 4-[methyl[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]amino]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

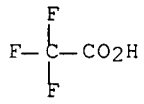
CRN 368879-87-2
CMF C30 H29 N3 O4

Absolute stereochemistry.

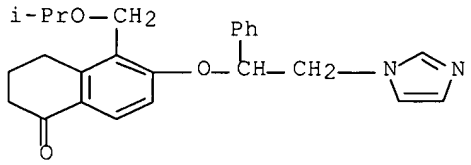


CM 2

CRN 76-05-1
CMF C2 H F3 O2



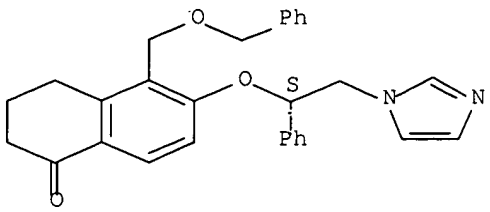
RN 368879-89-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1-methylethoxy)methyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

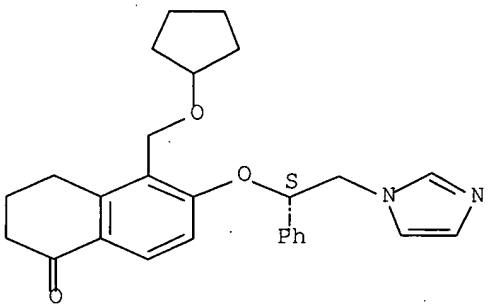
RN 368879-90-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylmethoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



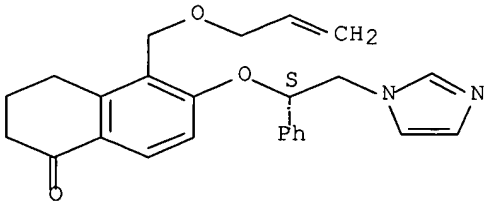
RN 368879-91-8 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(cyclopentyloxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



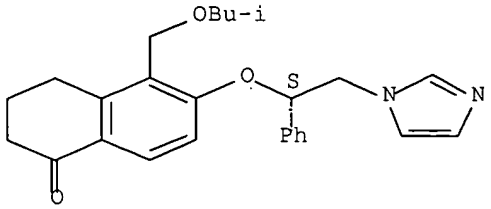
RN 368879-92-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-propenyloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



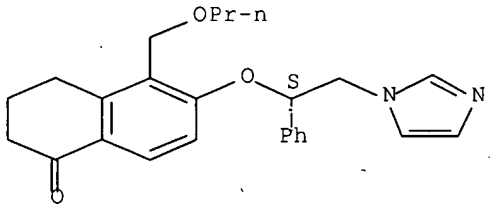
RN 368879-93-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-methylpropoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



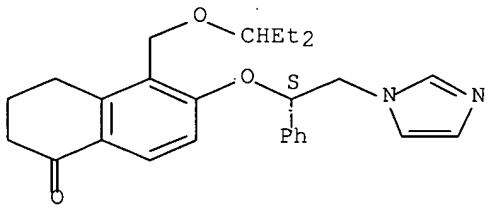
RN 368879-94-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(propoxymethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



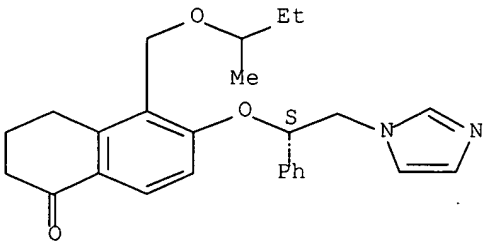
RN 368879-95-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(1-ethylpropoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



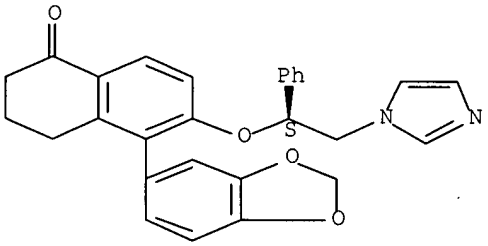
RN 368879-96-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1-methylpropoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



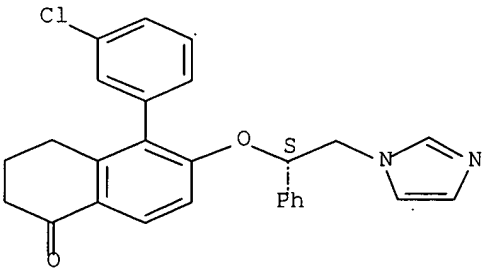
RN 368879-98-5 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(1,3-benzodioxol-5-yl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



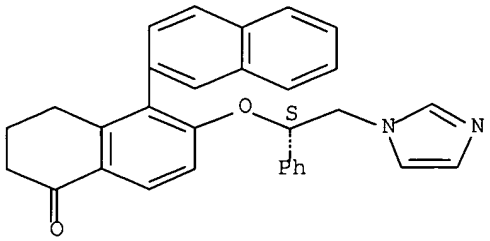
RN 368879-99-6 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(3-chlorophenyl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



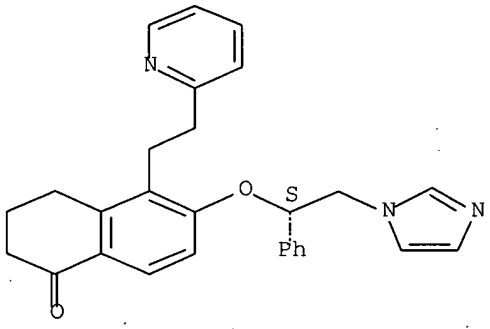
RN 368880-00-6 HCAPLUS
CN [1,2'-Binaphthalen]-5(6H)-one, 7,8-dihydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



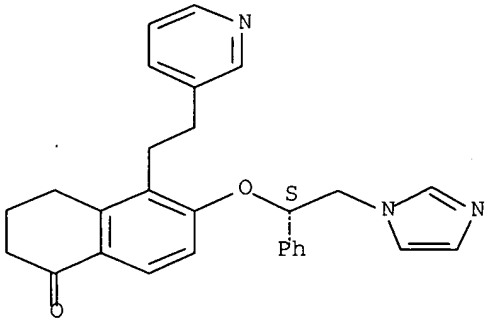
RN 368880-01-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



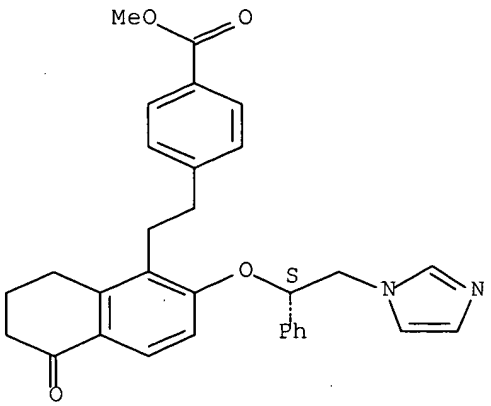
RN 368880-03-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



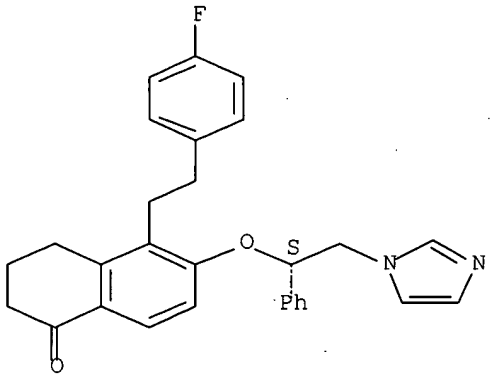
RN 368880-04-0 HCAPLUS
CN Benzoic acid, 4-[2-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]ethyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



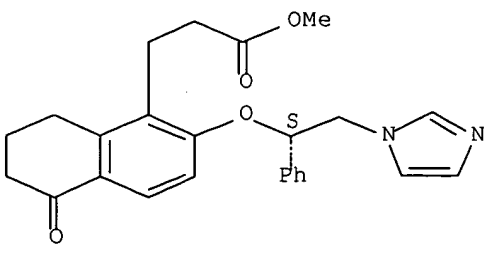
RN 368880-05-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[2-(4-fluorophenyl)ethyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



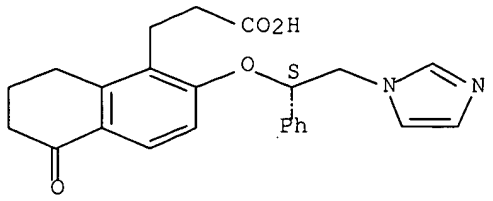
RN 368880-06-2 HCAPLUS
CN 1-Naphthalenepropanoic acid, 5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



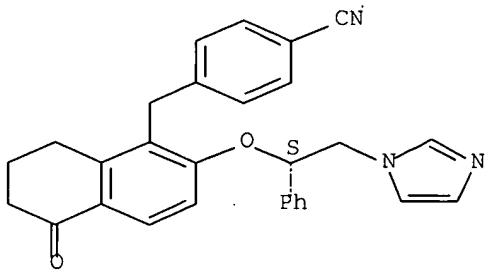
RN 368880-07-3 HCAPLUS
CN 1-Naphthalenepropanoic acid, 5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



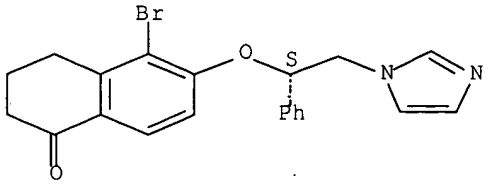
RN 368880-08-4 HCAPLUS
CN Benzonitrile, 4-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



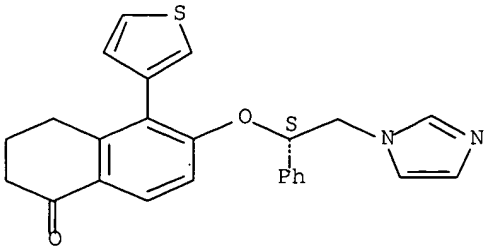
RN 368880-09-5 HCAPLUS
CN 1(2H)-Naphthalenone, 5-bromo-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368880-10-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(3-thienyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

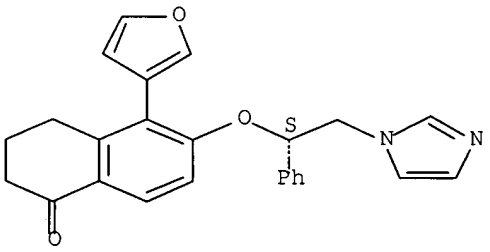


RN 368880-12-0 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(3-furanyl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

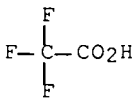
CRN 368880-11-9
CMF C25 H22 N2 O3

Absolute stereochemistry.



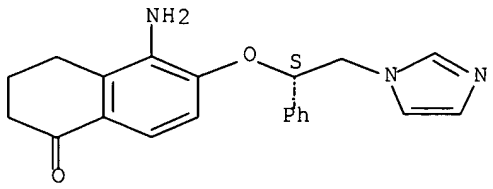
CM 2

CRN 76-05-1
CMF C2 H F3 O2



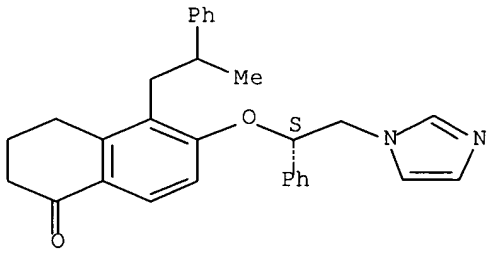
RN 368880-13-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-amino-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



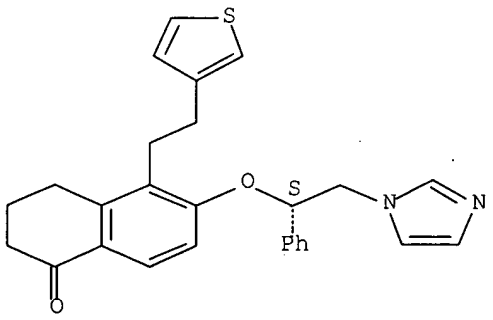
RN 368880-14-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



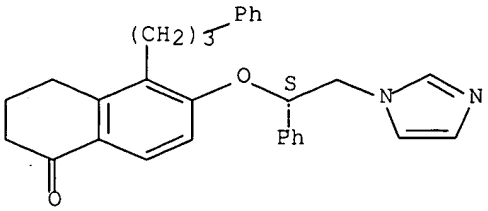
RN 368880-15-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(3-thienyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



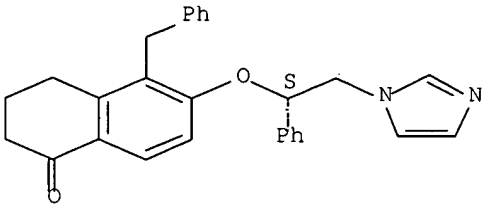
RN 368880-16-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(3-phenylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



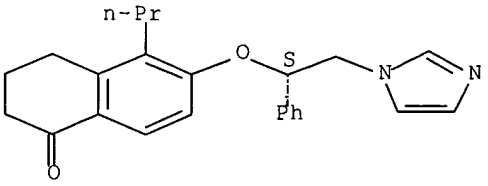
RN 368880-17-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



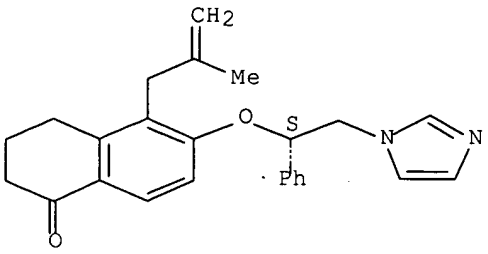
RN 368880-18-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-propyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



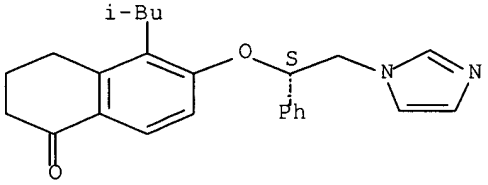
RN 368880-19-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

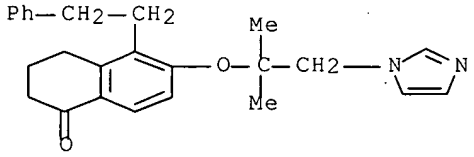


RN 368880-21-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-methylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

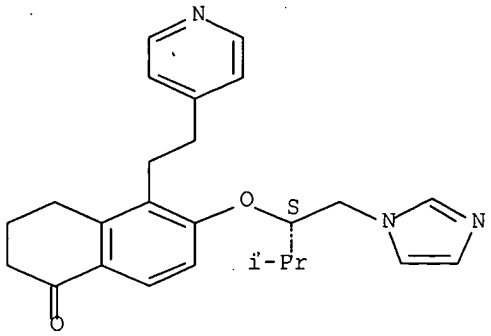


RN 368880-23-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1,1-dimethylethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)



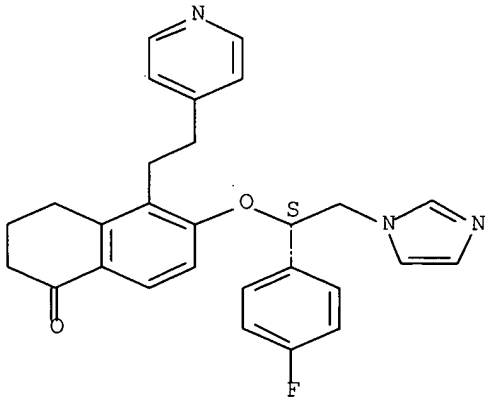
RN 368880-26-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



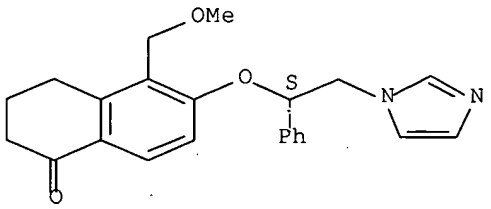
RN 368880-27-7 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[(1S)-1-(4-fluorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



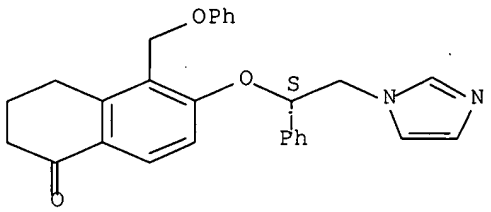
RN 368880-28-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(methoxymethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



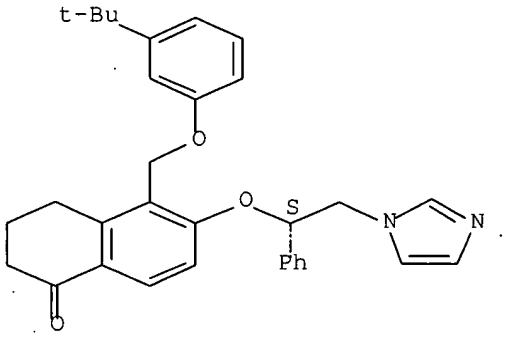
RN 368880-30-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(phenoxymethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



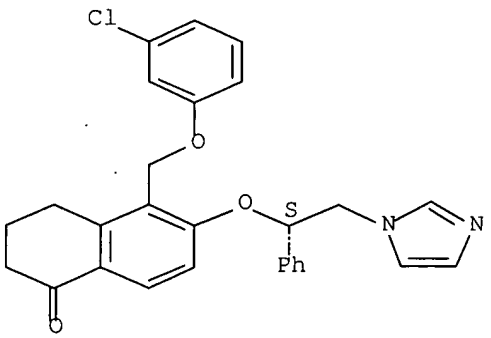
RN 368880-32-4 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[3-(1,1-dimethylethyl)phenoxy]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368880-34-6 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(3-chlorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

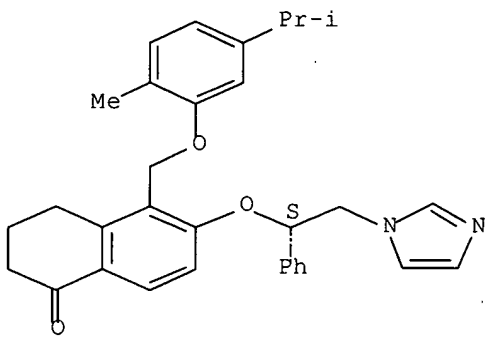
Absolute stereochemistry.



RN 368880-36-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-

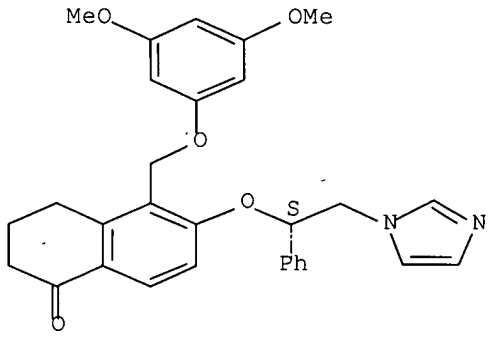
phenylethoxy]-5-[[2-methyl-5-(1-methylethyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



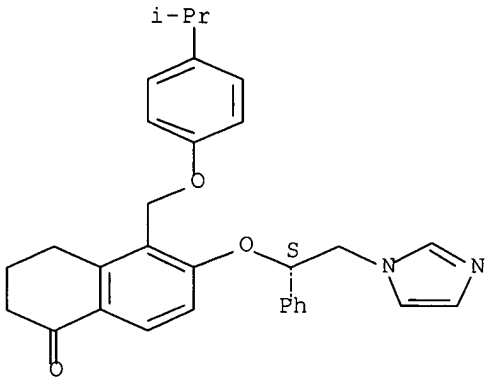
RN 368880-38-0 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(3,5-dimethoxyphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



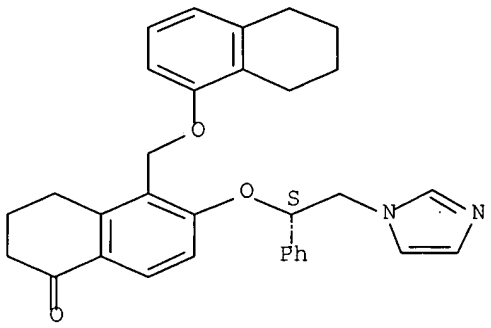
RN 368880-40-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(1-methylethyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



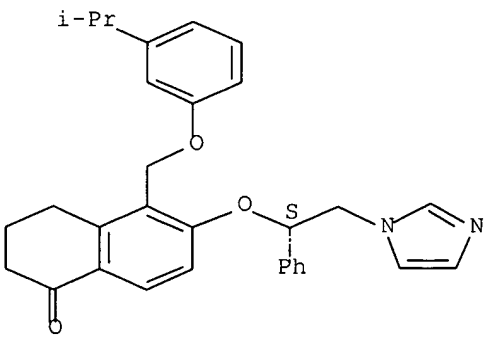
RN 368880-41-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(5,6,7,8-tetrahydro-1-naphthalenyl)oxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



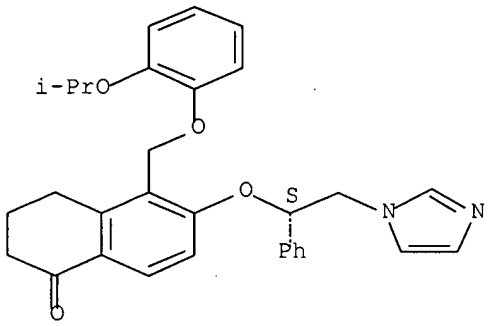
RN 368880-42-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[3-(1-methylethyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



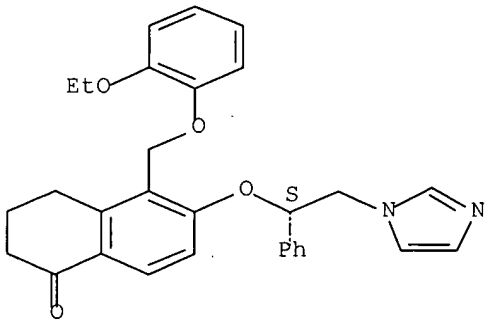
RN 368880-43-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[2-(1-methylethoxy)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



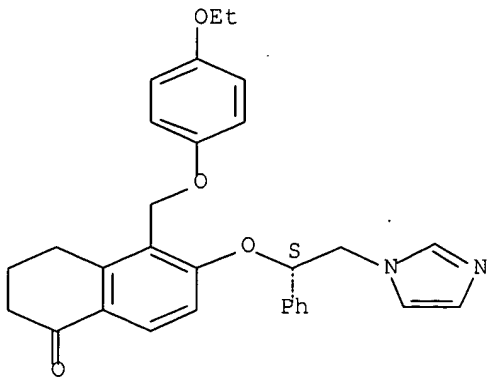
RN 368880-45-9 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-ethoxyphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



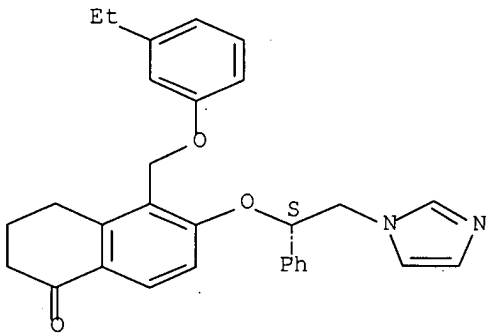
RN 368880-47-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(4-ethoxyphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



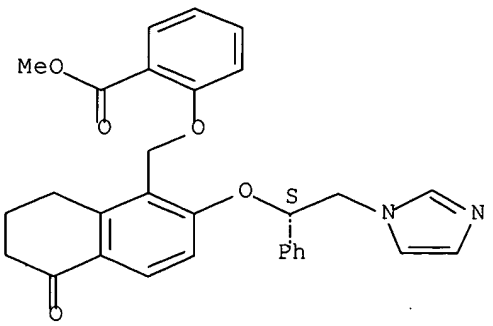
RN 368880-49-3 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(3-ethylphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



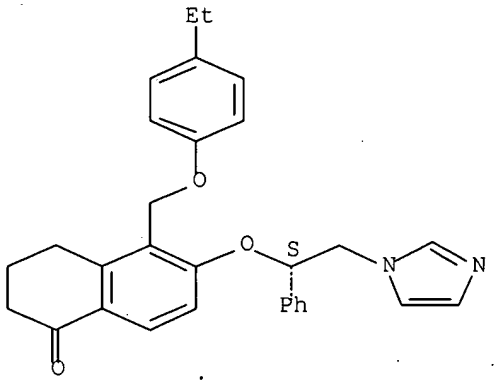
RN 368880-50-6 HCAPLUS
CN Benzoic acid, 2-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methoxy]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



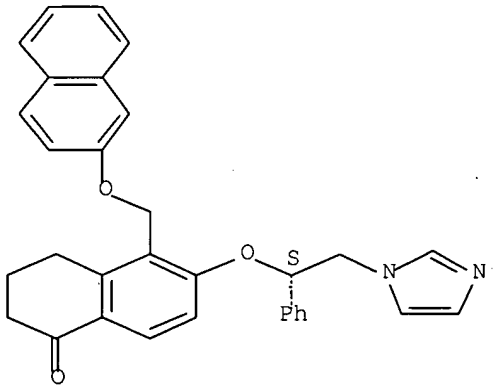
RN 368880-51-7 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(4-ethylphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



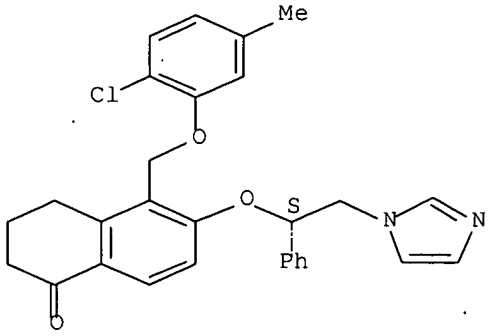
RN 368880-52-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-naphthalenyloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



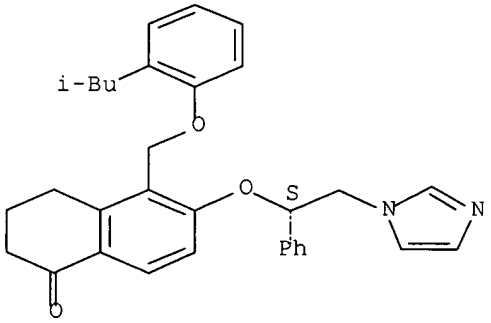
RN 368880-53-9 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-chloro-5-methylphenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



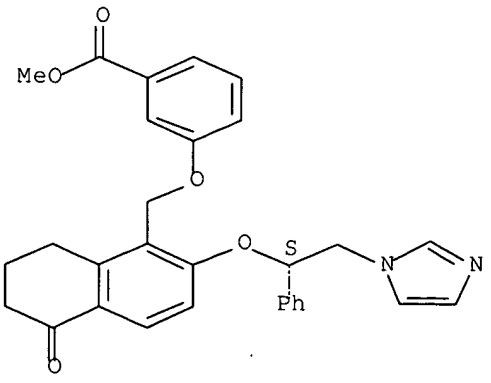
RN 368880-54-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[2-(2-methylpropyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



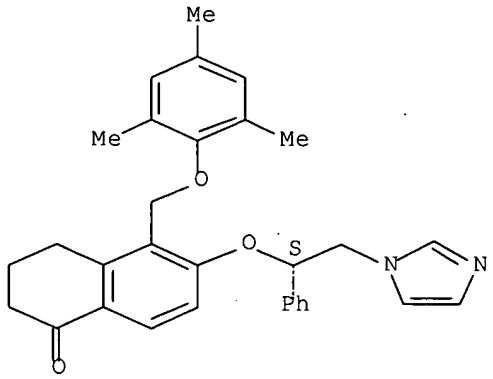
RN 368880-55-1 HCAPLUS
CN Benzoic acid, 3-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methoxy]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

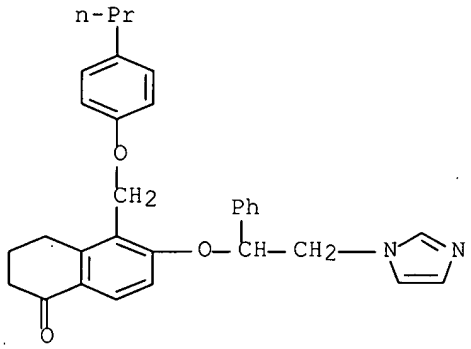


RN 368880-56-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2,4,6-trimethylphenoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



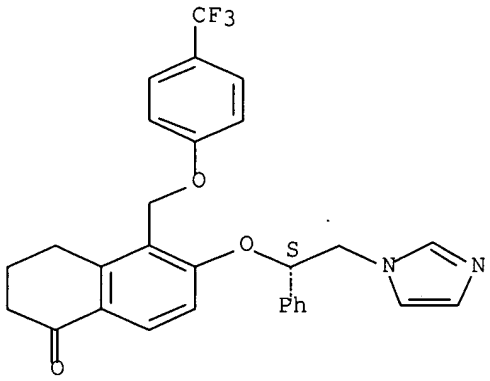
RN 368880-57-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(methylpropyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)



D1 Me

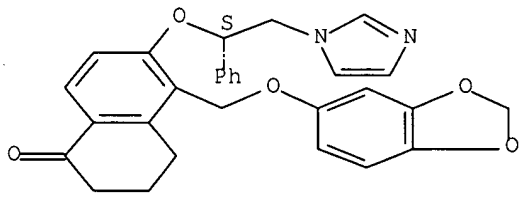
RN 368880-58-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(trifluoromethyl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



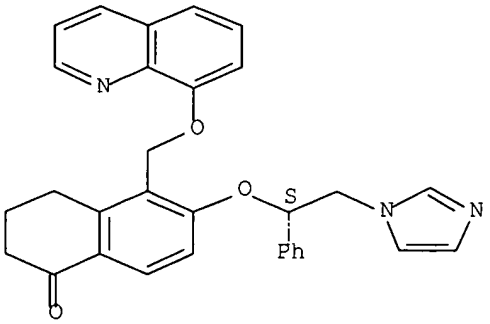
RN 368880-59-5 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(1,3-benzodioxol-5-yloxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



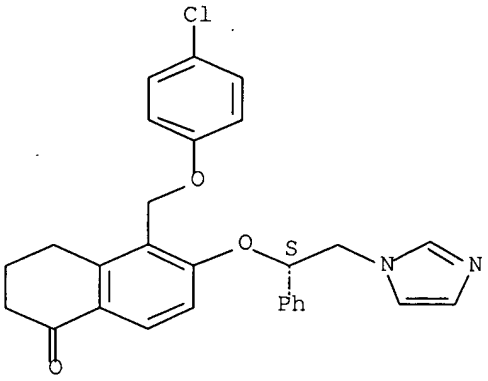
RN 368880-60-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(8-quinolinyloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



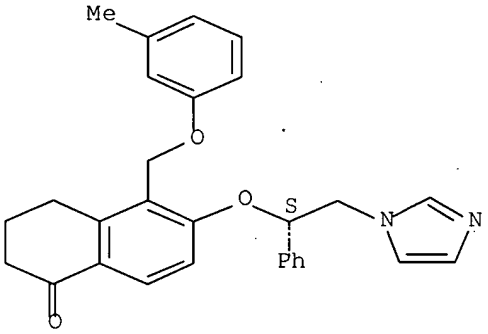
RN 368880-61-9 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(4-chlorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



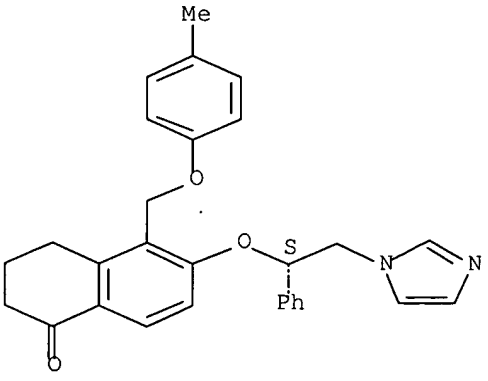
RN 368880-62-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(3-methylphenoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



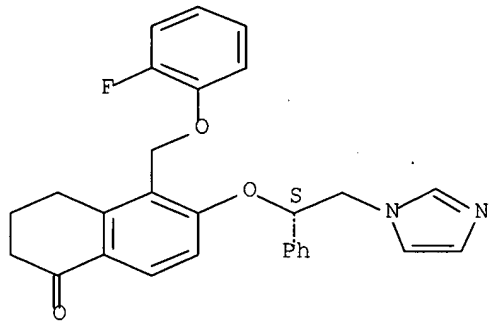
RN 368880-63-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(4-methylphenoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



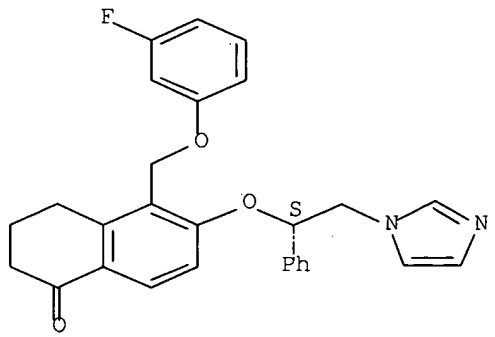
RN 368880-64-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-fluorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



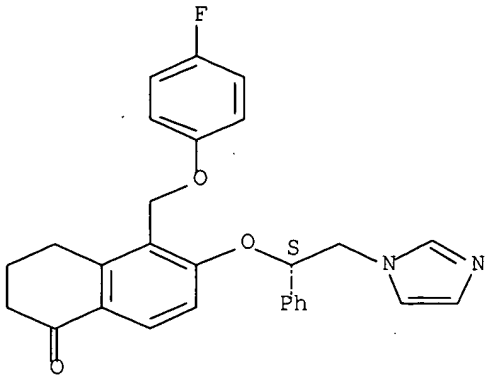
RN 368880-65-3 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(3-fluorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



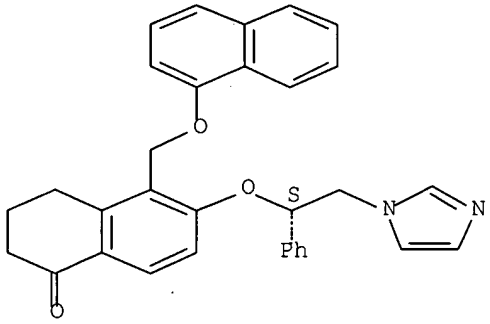
RN 368880-66-4 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(4-fluorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



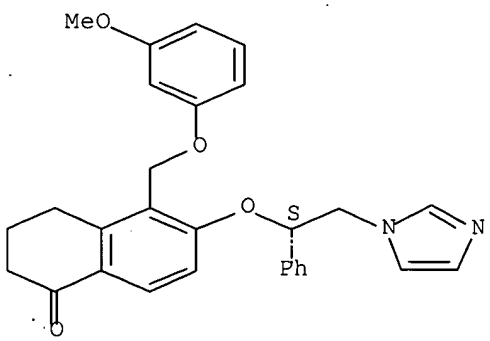
RN 368880-67-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1-naphthalenyloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



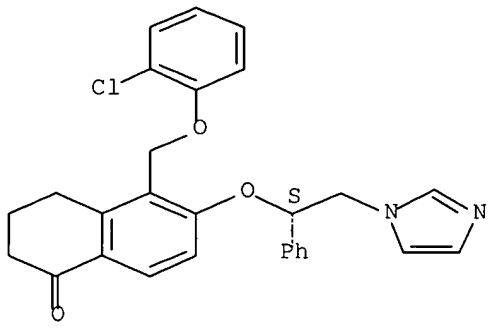
RN 368880-68-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(3-methoxyphenoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



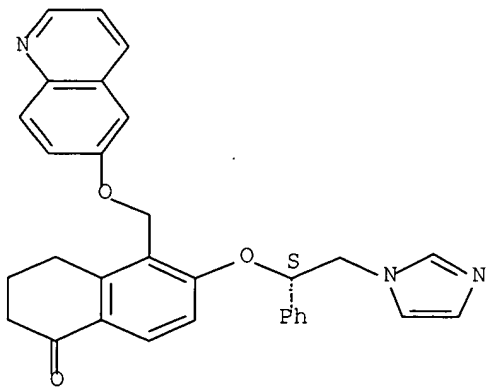
RN 368880-69-7 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-chlorophenoxy)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



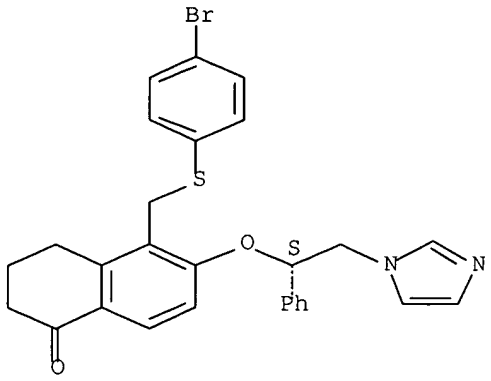
RN 368880-70-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(6-quinolinyloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



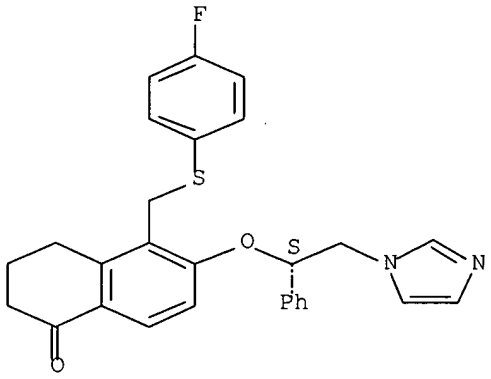
RN 368880-71-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(4-bromophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



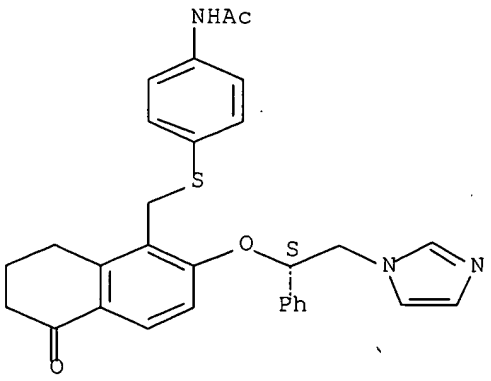
RN 368880-72-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(4-fluorophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



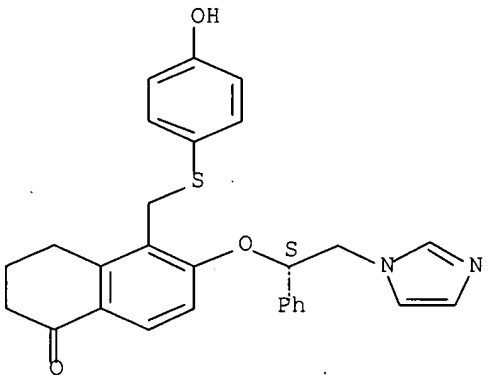
RN 368880-73-3 HCAPLUS
CN Acetamide, N-[4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



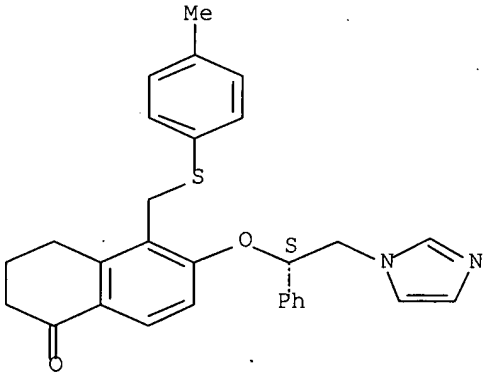
RN 368880-74-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-[[(4-hydroxyphenyl)thio]methyl]-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



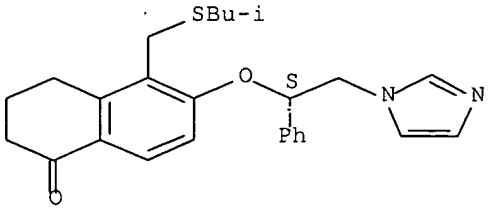
RN 368880-75-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(4-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



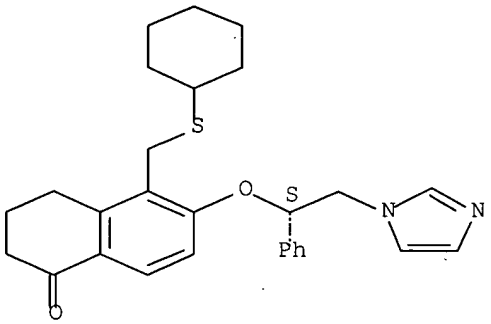
RN 368880-76-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(2-methylpropyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



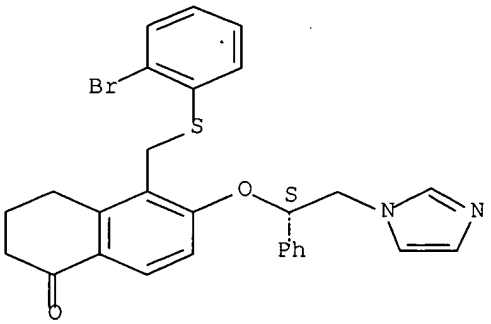
RN 368880-77-7 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(cyclohexylthio)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



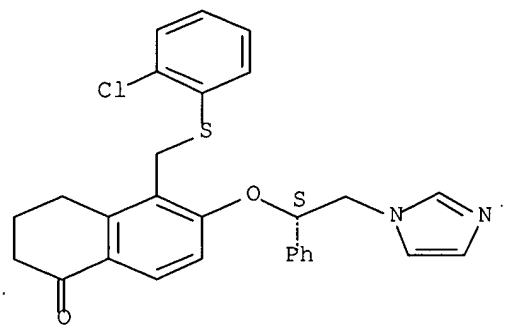
RN 368880-78-8 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(2-bromophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



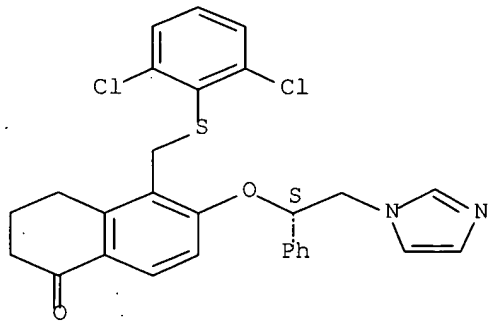
RN 368880-79-9 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(2-chlorophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



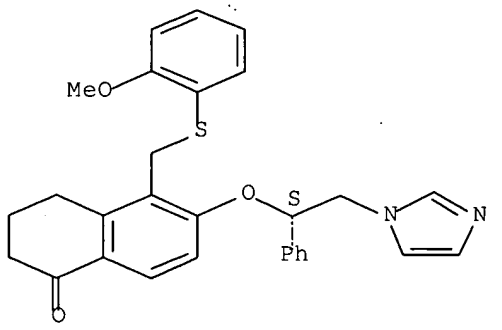
RN 368880-80-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(2,6-dichlorophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



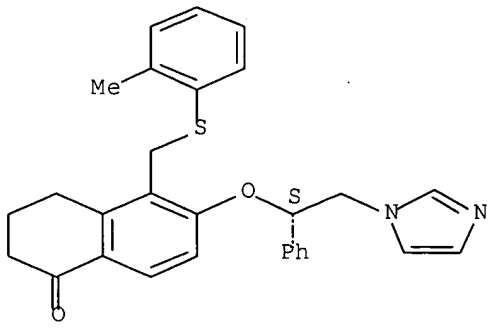
RN 368880-81-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



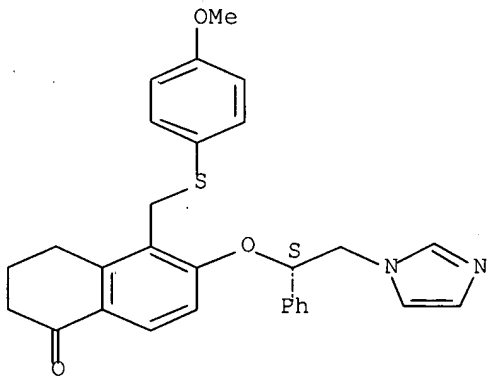
RN 368880-82-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(2-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



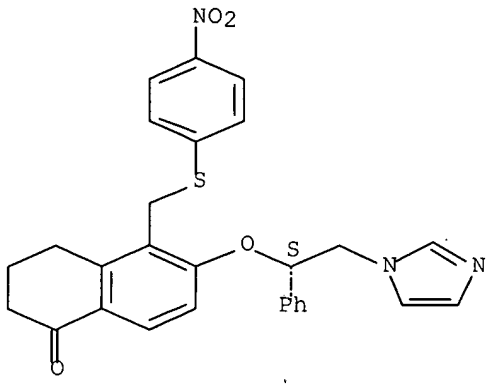
RN 368880-83-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



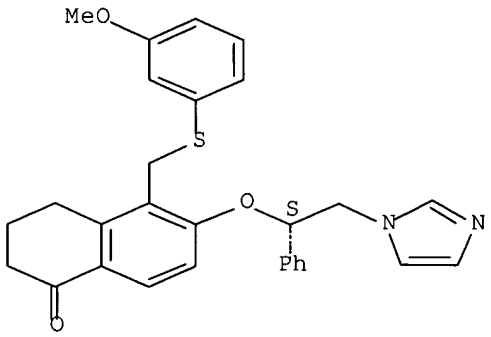
RN 368880-84-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(4-nitrophenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



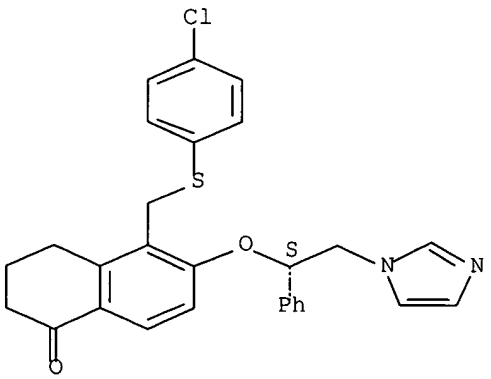
RN 368880-85-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(3-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



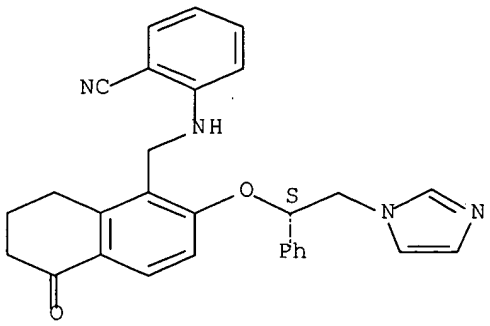
RN 368880-86-8 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(4-chlorophenyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



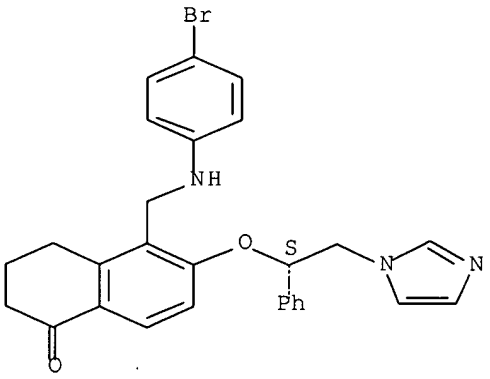
RN 368880-87-9 HCAPLUS
CN Benzonitrile, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



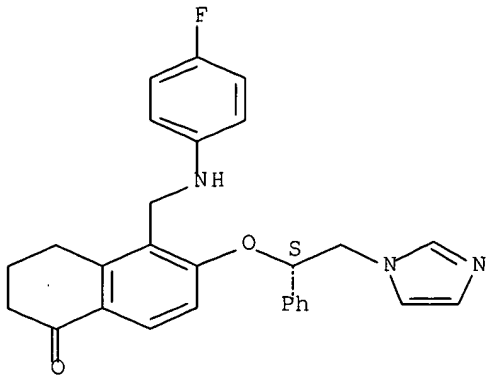
RN 368880-88-0 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(4-bromophenyl)amino]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



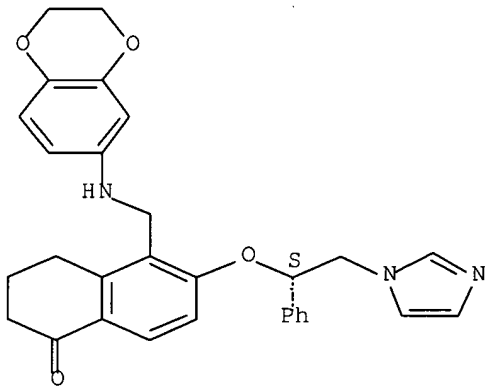
RN 368880-89-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(4-fluorophenyl)amino]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



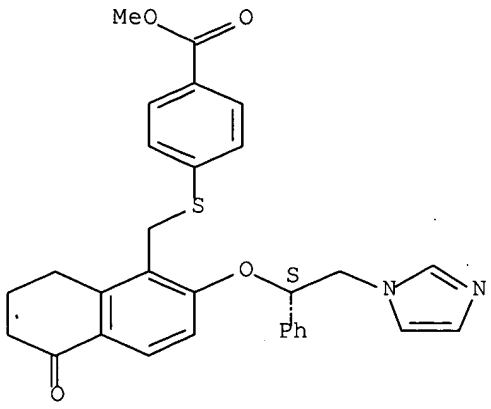
RN 368880-90-4 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(2,3-dihydro-1,4-benzodioxin-6-yl)amino]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



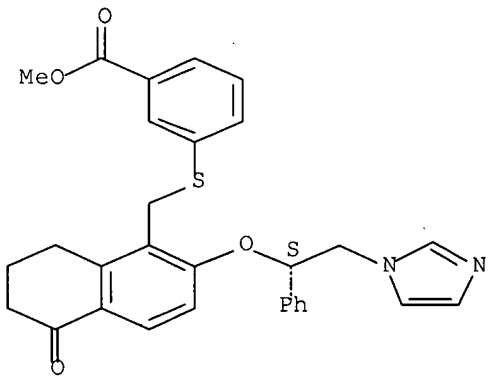
RN 368880-91-5 HCAPLUS
CN Benzoic acid, 4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



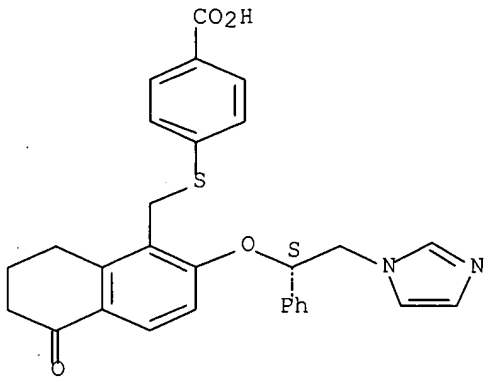
RN 368880-92-6 HCAPLUS
CN Benzoic acid, 3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



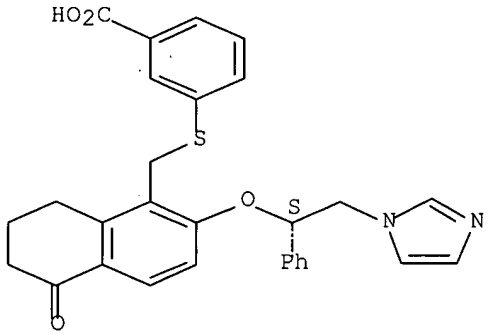
RN 368880-93-7 HCAPLUS
CN Benzoic acid, 4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



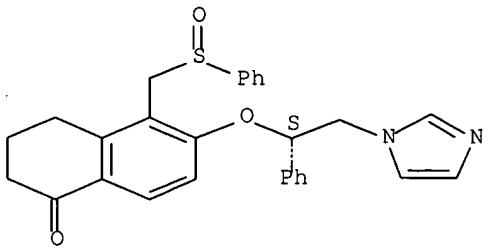
RN 368880-94-8 HCAPLUS
CN Benzoic acid, 3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



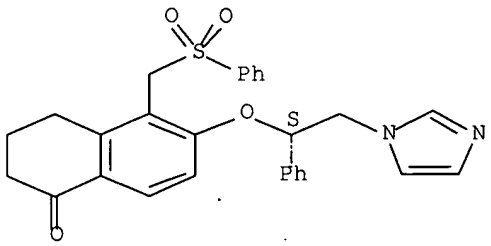
RN 368880-95-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylsulfinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



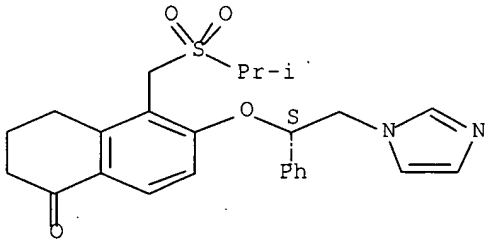
RN 368880-96-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



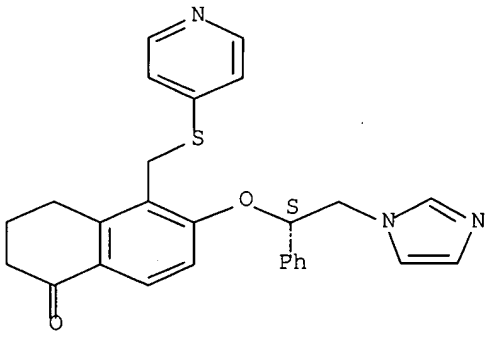
RN 368880-97-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(1-methylethyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



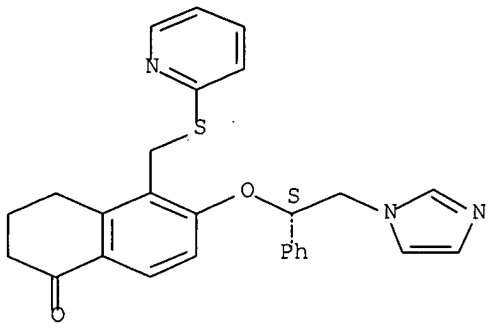
RN 368880-98-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(4-pyridinylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



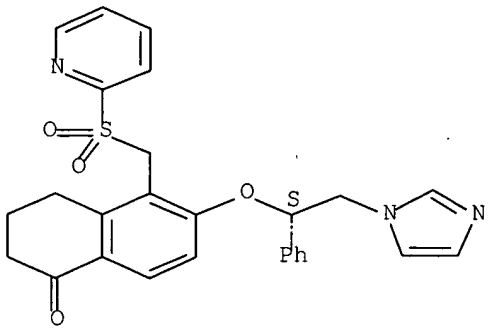
RN 368880-99-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-pyridinylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-00-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-pyridinylsulfonyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

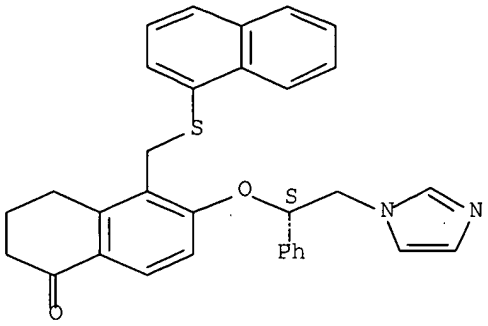
Absolute stereochemistry.



●x HCl

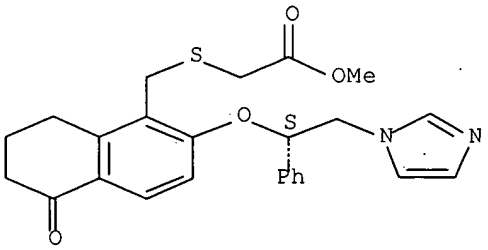
RN 368881-01-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1-naphthalenylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



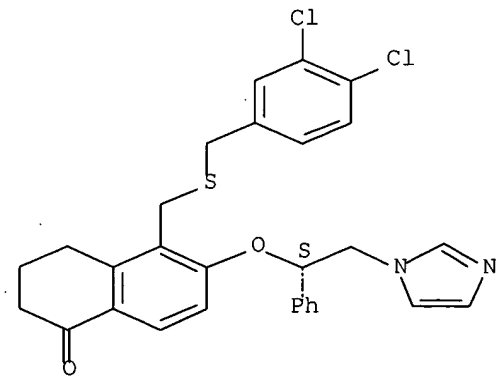
RN 368881-02-1 HCAPLUS
CN Acetic acid, [[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-03-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[[(3,4-dichlorophenyl)methyl]thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

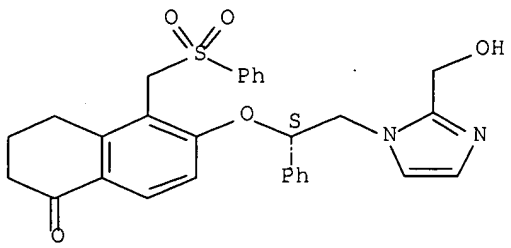
Absolute stereochemistry.



RN 368881-04-3 HCAPLUS

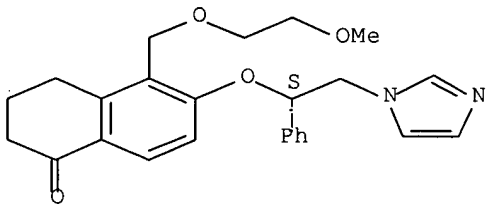
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-[2-(hydroxymethyl)-1H-imidazol-1-yl]-1-phenylethoxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



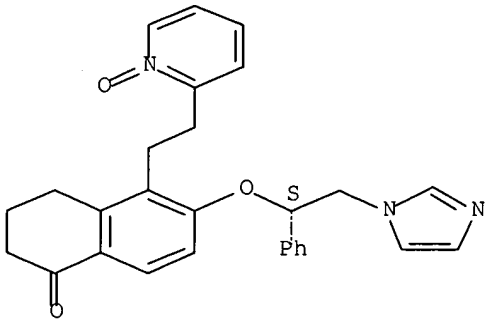
RN 368881-05-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-methoxyethoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



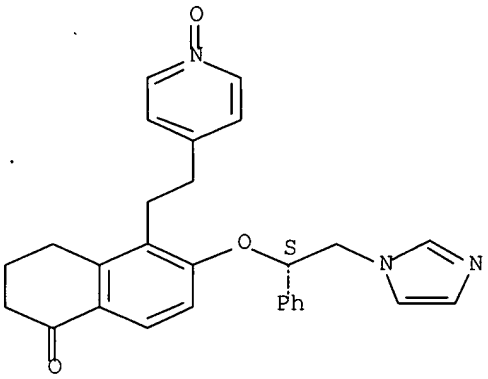
RN 368881-06-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(1-oxido-2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



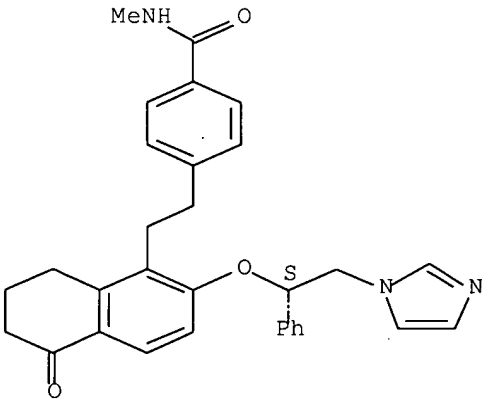
RN 368881-07-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(1-oxido-4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



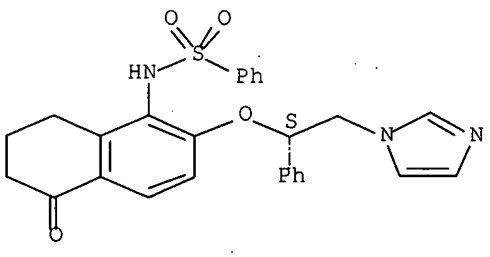
RN 368881-08-7 HCAPLUS
CN Benzamide, N-methyl-4-[2-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



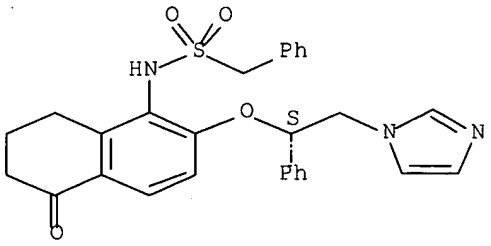
RN 368881-09-8 HCAPLUS
CN Benzenesulfonamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



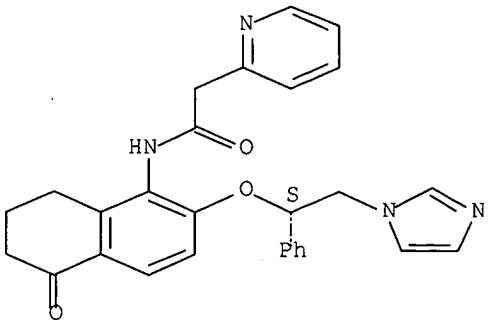
RN 368881-10-1 HCAPLUS
CN Benzenemethanesulfonamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



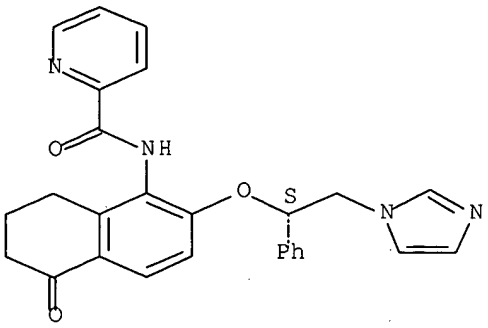
RN 368881-11-2 HCAPLUS
CN 2-Pyridineacetamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



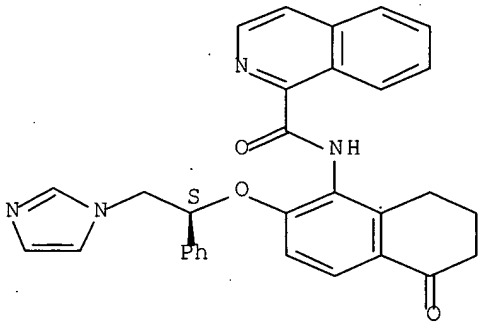
RN 368881-12-3 HCAPLUS
CN 2-Pyridinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



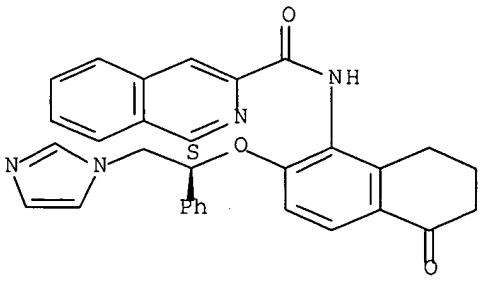
RN 368881-13-4 HCAPLUS
CN 1-Isoquinolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



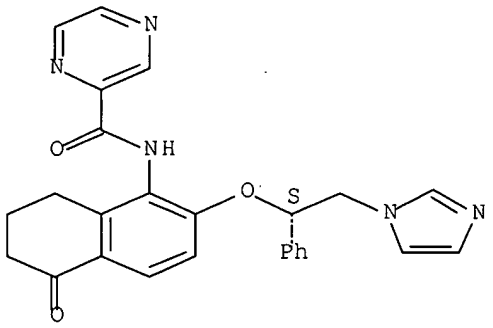
RN 368881-14-5 HCAPLUS
CN 3-Isoquinolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



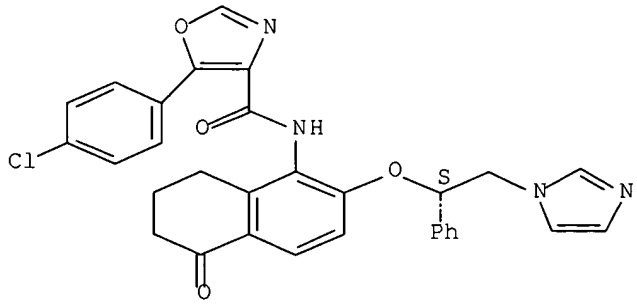
RN 368881-15-6 HCAPLUS
CN Pyrazinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



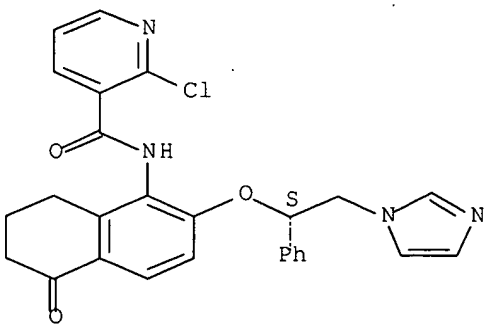
RN 368881-16-7 HCAPLUS
CN 4-Oxazolecarboxamide, 5-(4-chlorophenyl)-N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



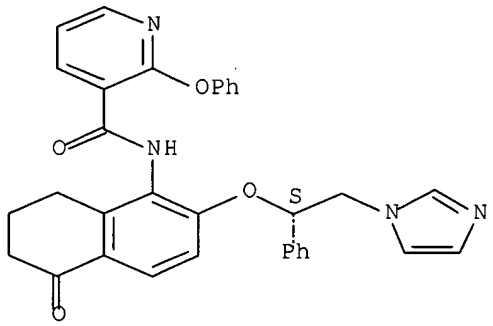
RN 368881-17-8 HCAPLUS
CN 3-Pyridinecarboxamide, 2-chloro-N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



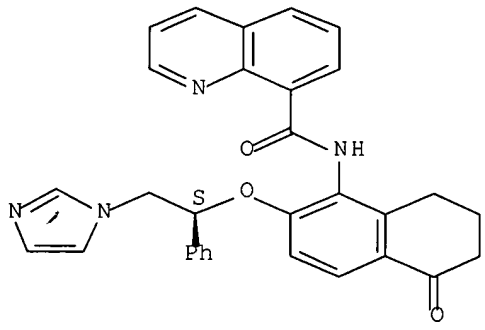
RN 368881-18-9 HCAPLUS
CN 3-Pyridinecarboxamide, 2-phenoxy-N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



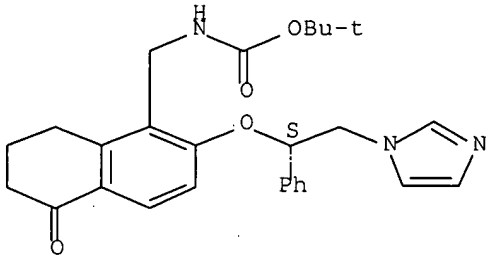
RN 368881-19-0 HCAPLUS
CN 8-Quinolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



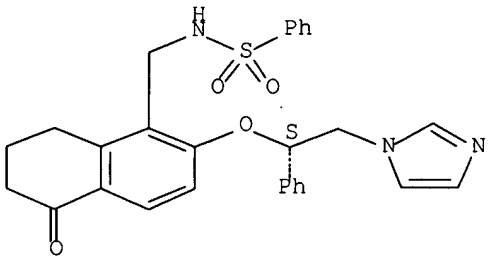
RN 368881-20-3 HCAPLUS
CN Carbamic acid, [[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



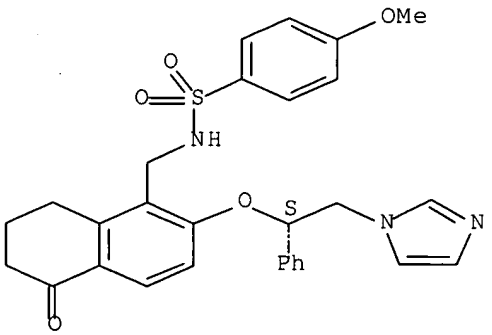
RN 368881-21-4 HCAPLUS
CN Benzenesulfonamide, N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-22-5 HCAPLUS
CN Benzenesulfonamide, 4-methoxy-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

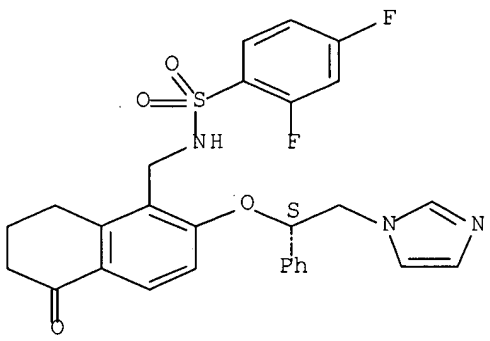


RN 368881-24-7 HCAPLUS
CN Benzenesulfonamide, 2,4-difluoro-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

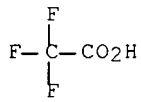
CRN 368881-23-6
CMF C28 H25 F2 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

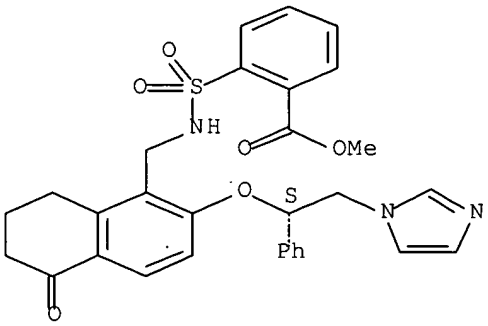


RN 368881-26-9 HCAPLUS
CN Benzoic acid, 2-[[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]amino]sulfonyl]-, methyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

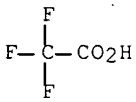
CRN 368881-25-8
CMF C30 H29 N3 O6 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

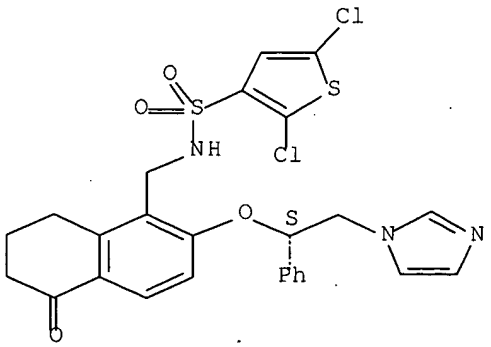


RN 368881-28-1 HCAPLUS
CN 3-Thiophenesulfonamide, 2,5-dichloro-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

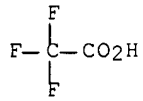
CRN 368881-27-0
CMF C26 H23 Cl2 N3 O4 S2

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

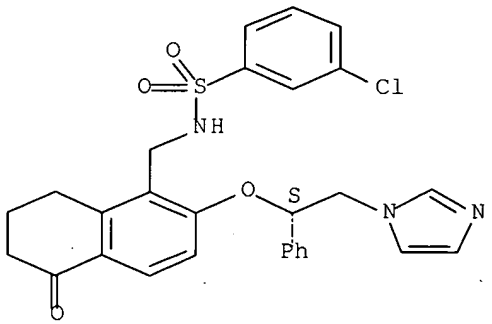


RN 368881-30-5 HCAPLUS
CN Benzenesulfonamide, 3-chloro-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

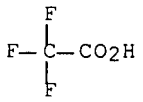
CRN 368881-29-2
CMF C28 H26 Cl N3 O4 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



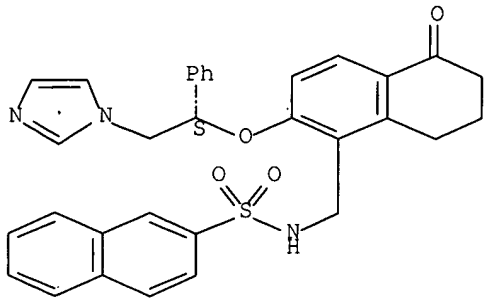
RN 368881-32-7 HCAPLUS
CN 2-Naphthalenesulfonamide, N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, trifluoroacetate (9CI)

(CA INDEX NAME)

CM 1

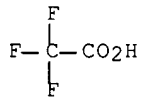
CRN 368881-31-6
CMF C32 H29 N3 O4 S

Absolute stereochemistry.



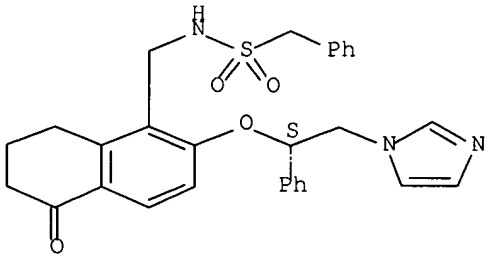
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 368881-33-8 HCAPLUS
CN Benzenemethanesulfonamide, N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

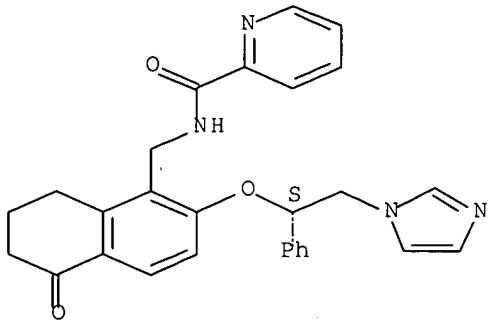
Absolute stereochemistry.



RN 368881-34-9 HCAPLUS

CN 2-Pyridinecarboxamide, N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

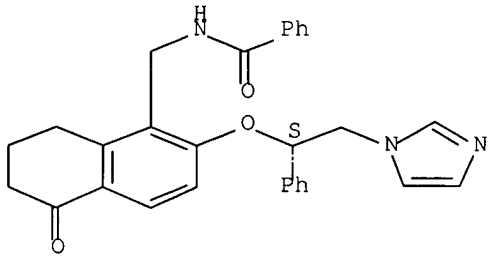
Absolute stereochemistry.



RN 368881-35-0 HCAPLUS

CN Benzamide, N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

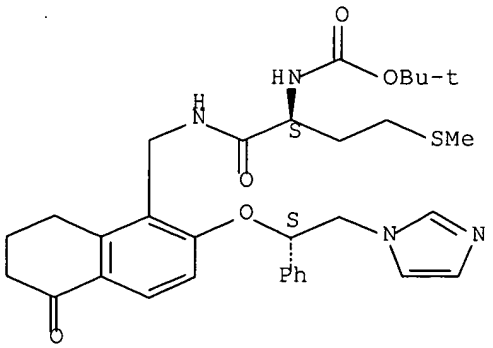
Absolute stereochemistry.



RN 368881-36-1 HCAPLUS

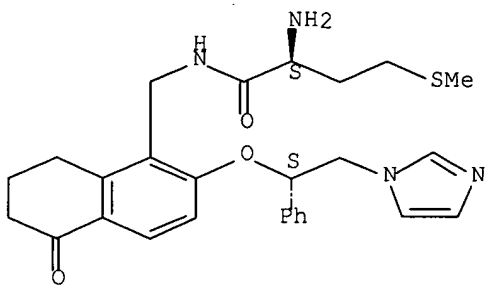
CN Carbamic acid, [(1S)-3-(methylthio)-1-[[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]amino]carbonyl]propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



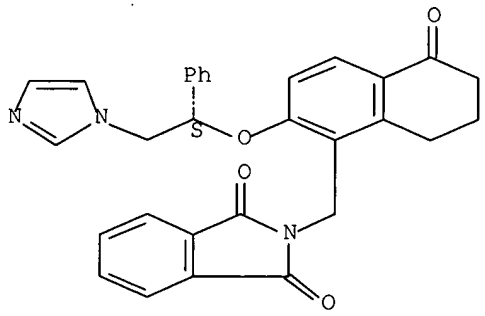
RN 368881-37-2 HCAPLUS
CN Butanamide, 2-amino-4-(methylthio)-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



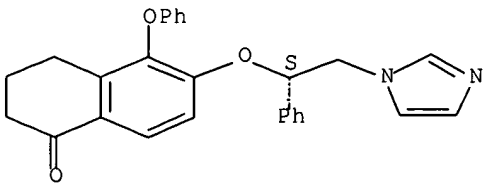
RN 368881-38-3 HCAPLUS
CN 1H-Isoindole-1,3(2H)-dione, 2-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



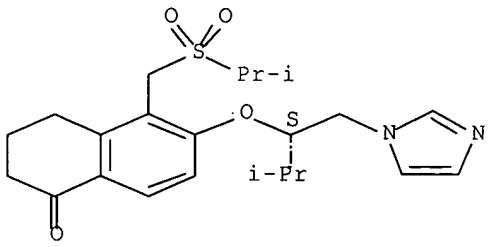
RN 368881-39-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-phenoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



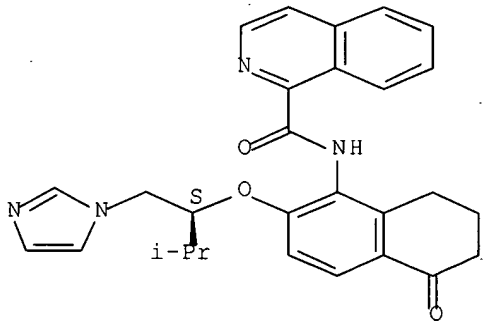
RN 368881-40-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-[[(1-methylethyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



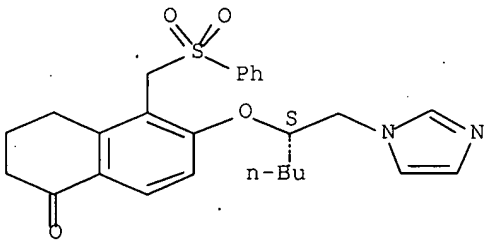
RN 368881-41-8 HCAPLUS
CN 1-Isoquinolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



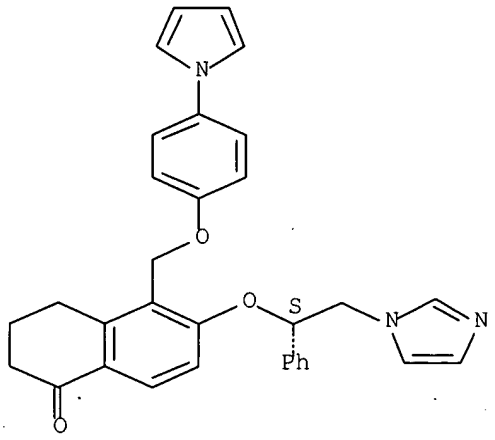
RN 368881-43-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[[(1S)-1-(1H-imidazol-1-ylmethyl)pentyl]oxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



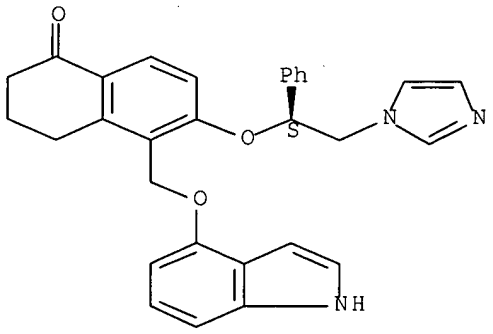
RN 368881-44-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(1H-pyrrol-1-yl)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



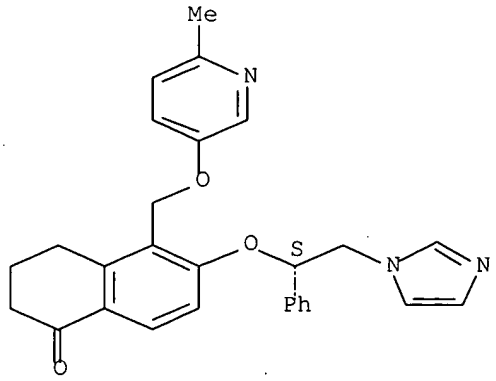
RN 368881-45-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1H-indol-4-yloxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



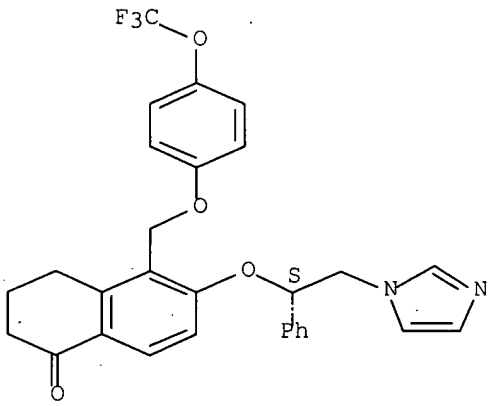
RN 368881-46-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(6-methyl-3-pyridinyl)oxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



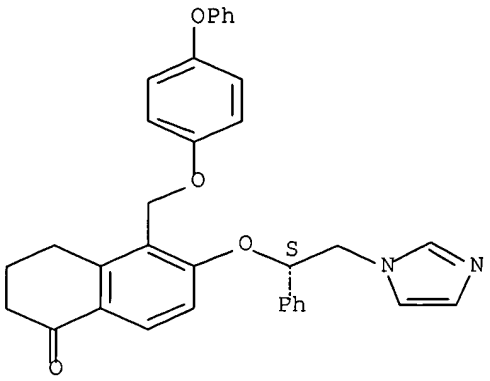
RN 368881-47-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(trifluoromethoxy)phenoxy]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



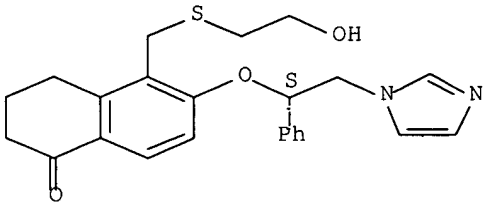
RN 368881-48-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(4-phenoxyphenoxy)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



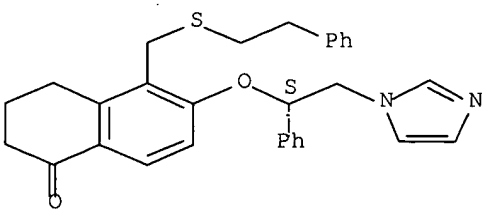
RN 368881-49-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-[[(2-hydroxyethyl)thio]methyl]-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



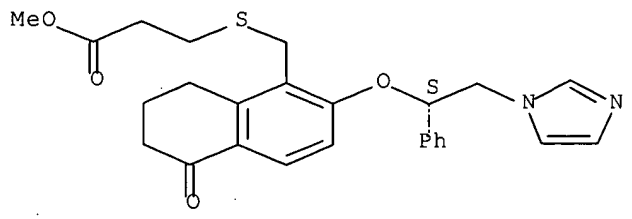
RN 368881-50-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(2-phenylethyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



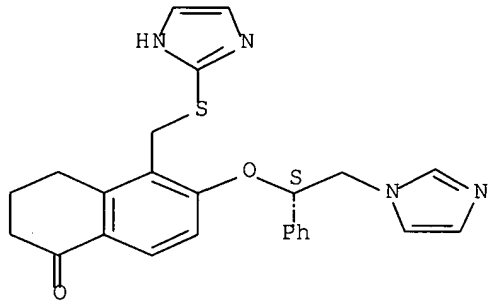
RN 368881-51-0 HCAPLUS
CN Propanoic acid, 3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



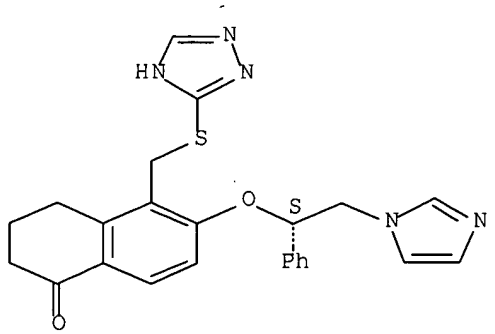
RN 368881-52-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1H-imidazol-2-ylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



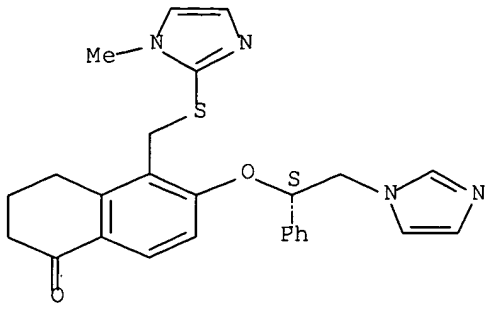
RN 368881-53-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1H-1,2,4-triazol-3-ylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



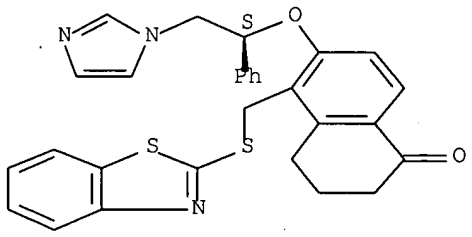
RN 368881-54-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(1-methyl-1H-imidazol-2-yl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



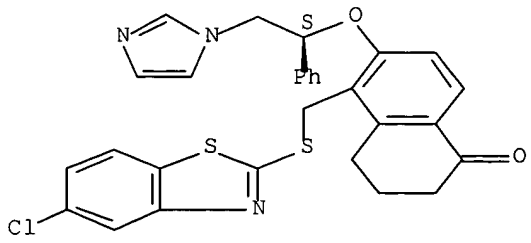
RN 368881-55-4 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-benzothiazolylthio)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



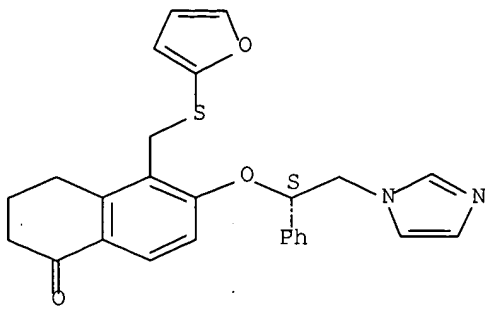
RN 368881-56-5 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[[(5-chloro-2-benzothiazolyl)thio]methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



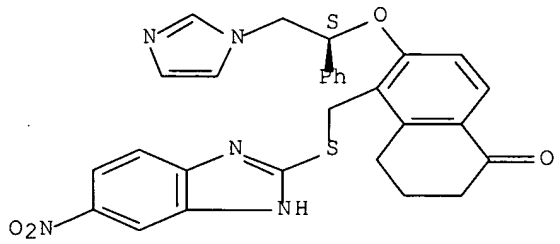
RN 368881-57-6 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[(2-furanylthio)methyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



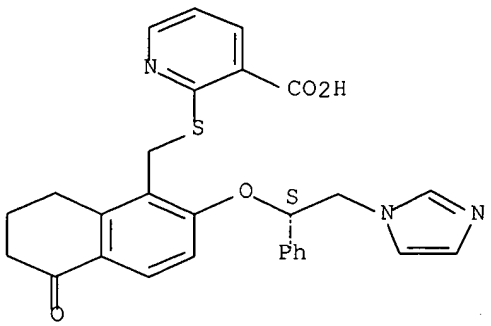
RN 368881-58-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(5-nitro-1H-benzimidazol-2-yl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-59-8 HCAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

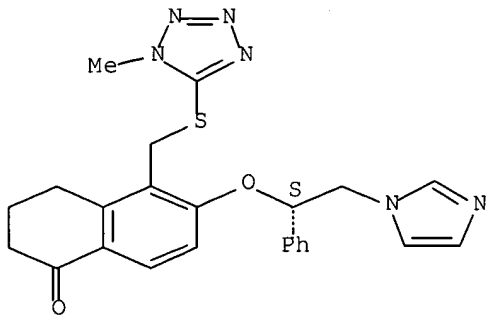
Absolute stereochemistry.



RN 368881-60-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]- (9CI) (CA

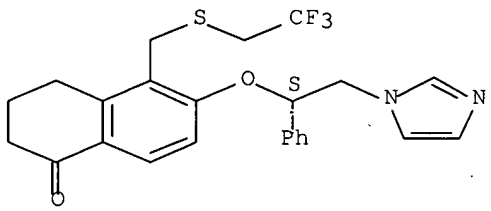
INDEX NAME)

Absolute stereochemistry.



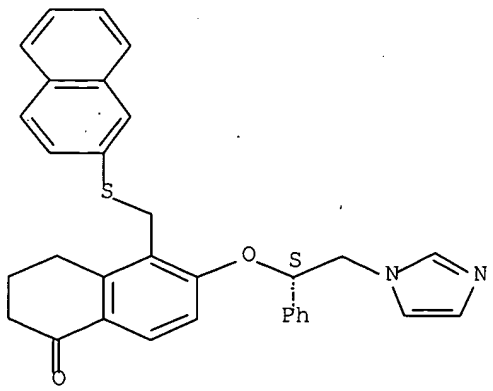
RN 368881-61-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(2,2,2-trifluoroethyl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



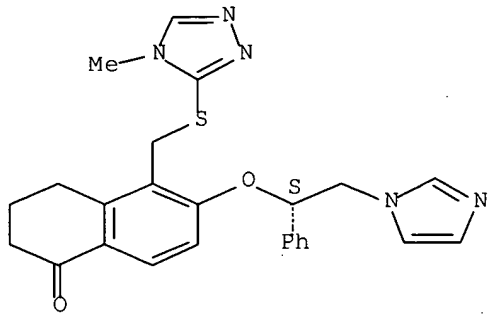
RN 368881-62-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-naphthalenylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



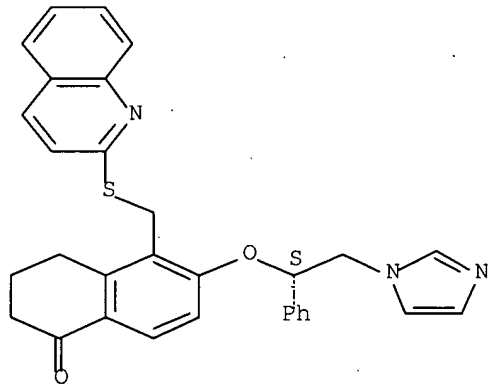
RN 368881-63-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(4-methyl-4H-1,2,4-triazol-3-yl)thio]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



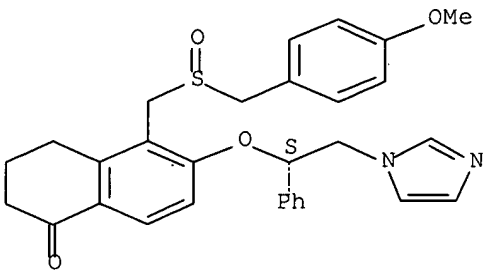
RN 368881-64-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-quinolinylthio)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



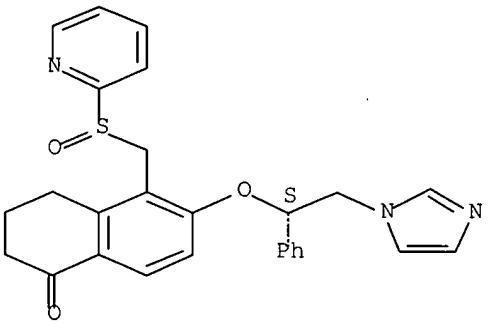
RN 368881-65-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[[(4-methoxyphenyl)methyl]sulfinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



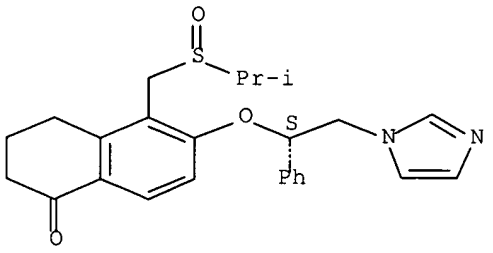
RN 368881-66-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(2-pyridinylsulfinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



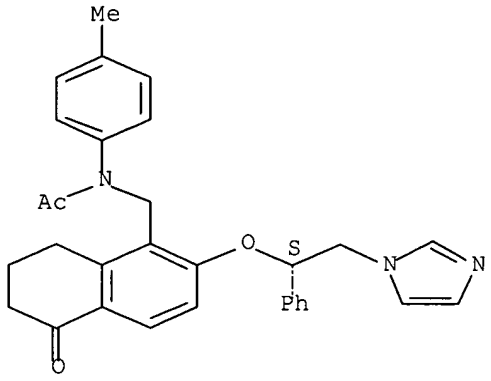
RN 368881-67-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[(1-methylethyl)sulfinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



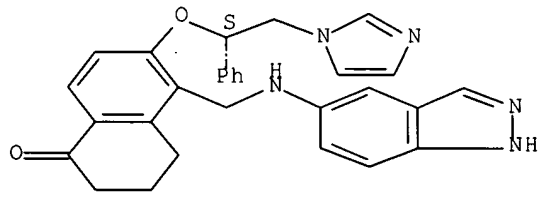
RN 368881-68-9 HCAPLUS
CN Acetamide, N-(4-methylphenyl)-N-[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



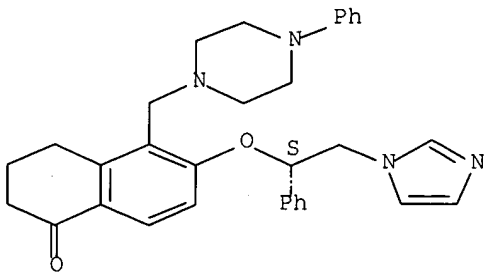
RN 368881-69-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1H-indazol-5-ylamino)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



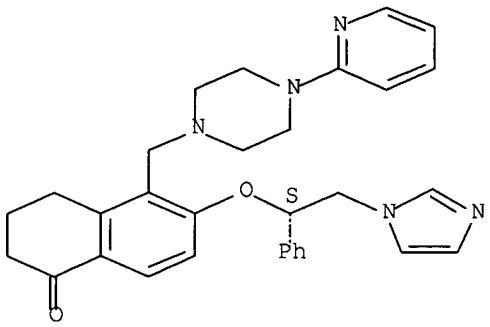
RN 368881-70-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(4-phenyl-1-piperazinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



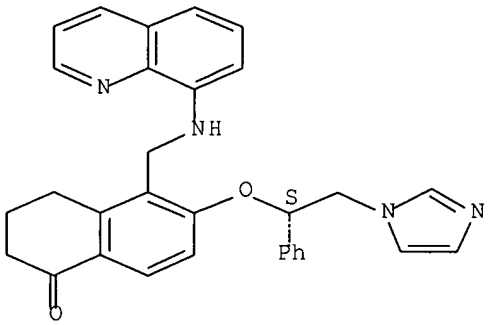
RN 368881-71-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[4-(2-pyridinyl)-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



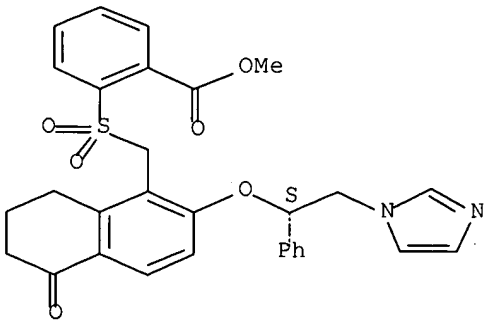
RN 368881-72-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(8-quinolinylamino)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



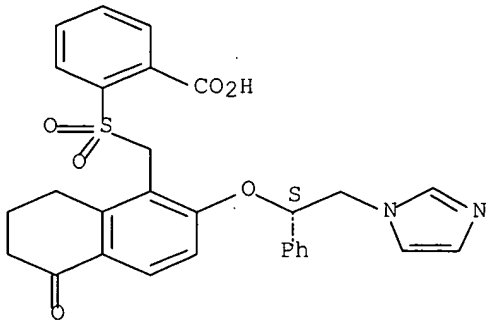
RN 368881-73-6 HCAPLUS
CN Benzoic acid, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



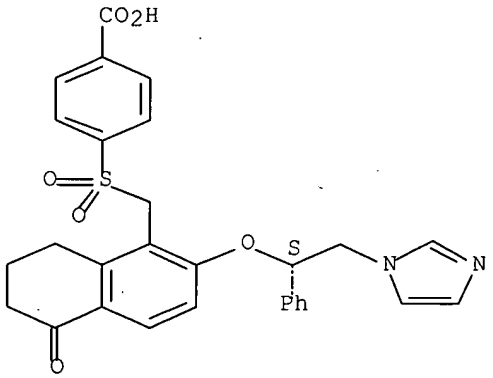
RN 368881-74-7 HCAPLUS
CN Benzoic acid, 2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



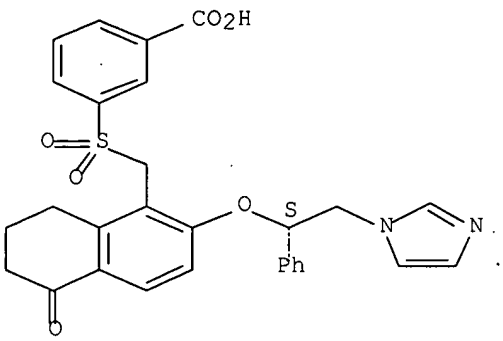
RN 368881-75-8 HCAPLUS
CN Benzoic acid, 4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



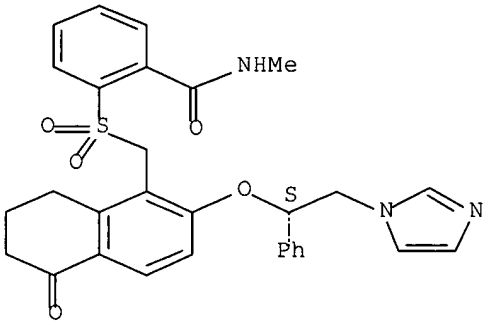
RN 368881-76-9 HCAPLUS
CN Benzoic acid, 3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



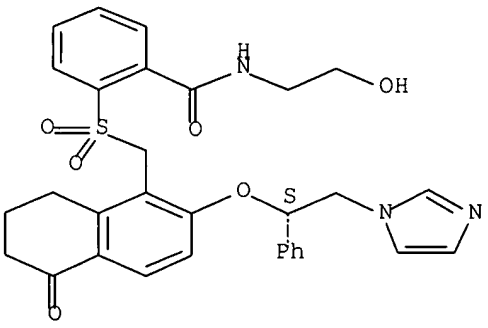
RN 368881-77-0 HCAPLUS
CN Benzamide, N-methyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-78-1 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

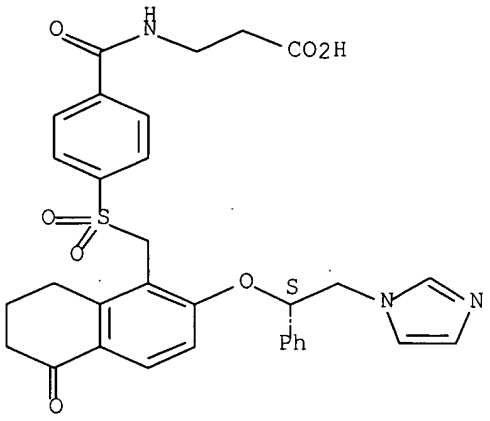
Absolute stereochemistry.



RN 368881-79-2 HCAPLUS

CN β-Alanine, N-[4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]- (9CI) (CA INDEX NAME)

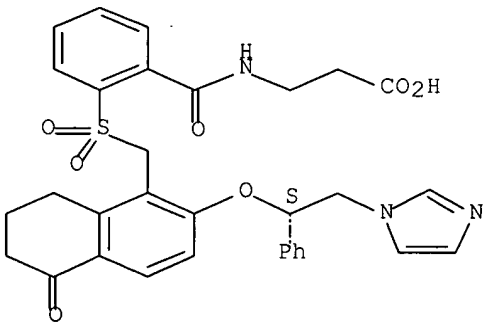
Absolute stereochemistry.



RN 368881-80-5 HCAPLUS

CN β-Alanine, N-[2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]- (9CI) (CA INDEX NAME)

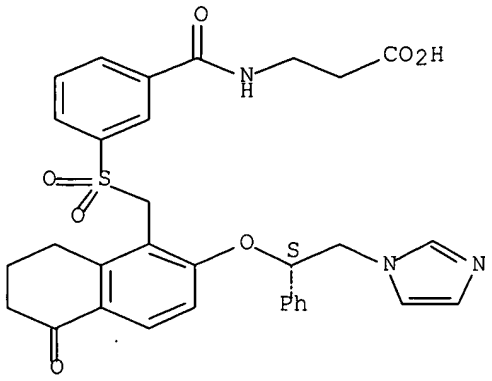
Absolute stereochemistry.



RN 368881-81-6 HCAPLUS

CN β-Alanine, N-[3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]- (9CI) (CA INDEX NAME)

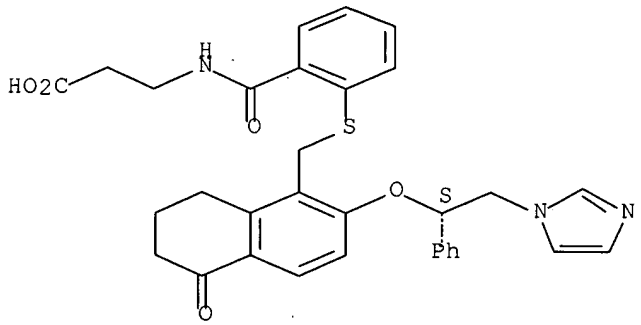
Absolute stereochemistry.



RN 368881-82-7 HCAPLUS

CN β-Alanine, N-[2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]- (9CI) (CA INDEX NAME)

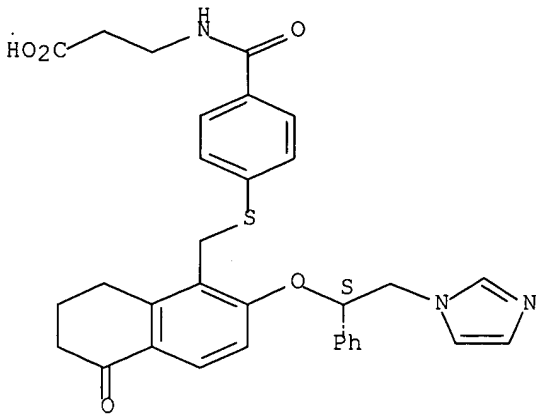
Absolute stereochemistry.



RN 368881-83-8 HCAPLUS

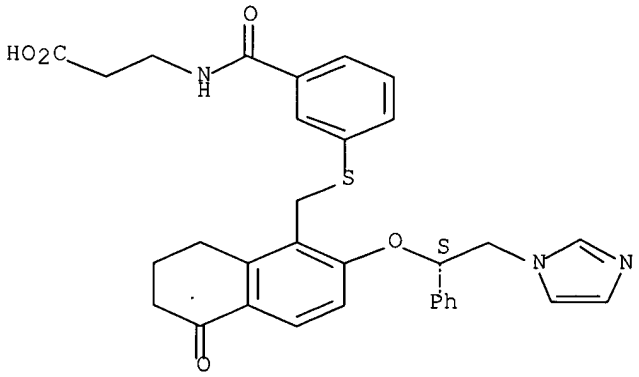
CN β-Alanine, N-[4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



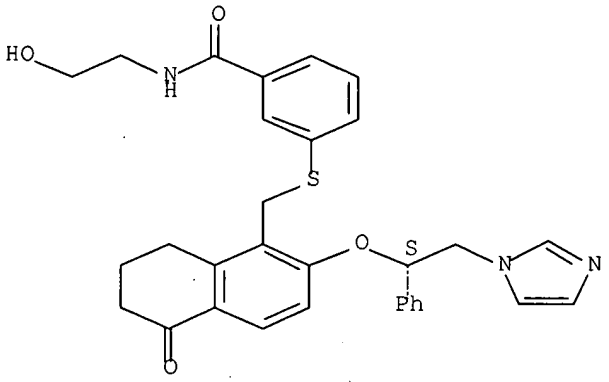
RN 368881-84-9 HCAPLUS
CN β-Alanine, N-[3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



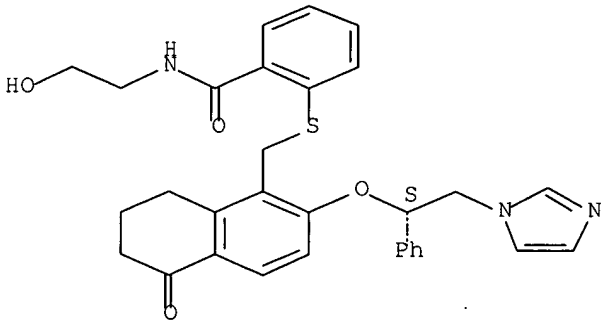
RN 368881-85-0 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



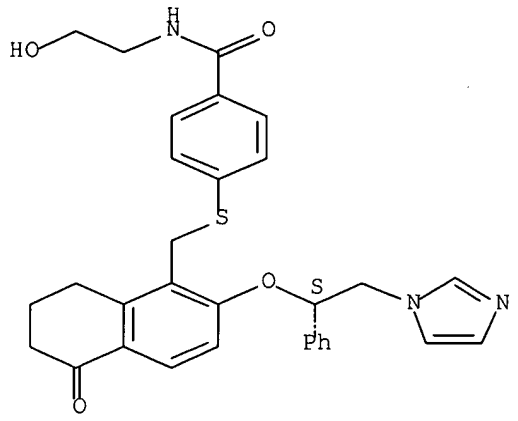
RN 368881-86-1 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



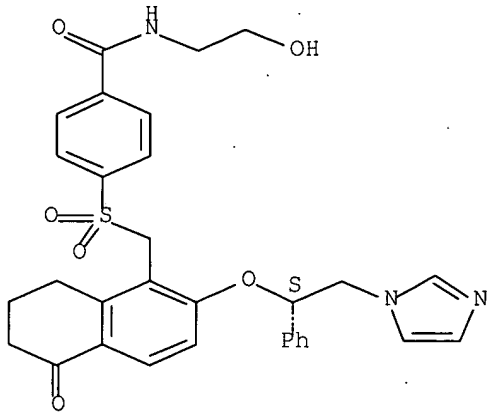
RN 368881-87-2 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



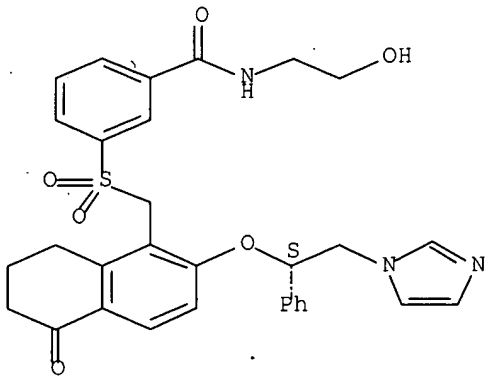
RN 368881-88-3 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



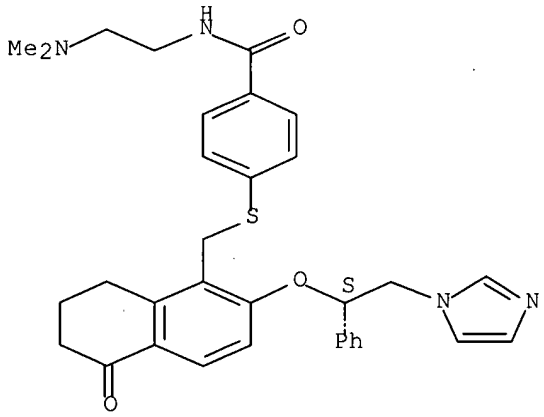
RN 368881-89-4 HCAPLUS
CN Benzamide, N-(2-hydroxyethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



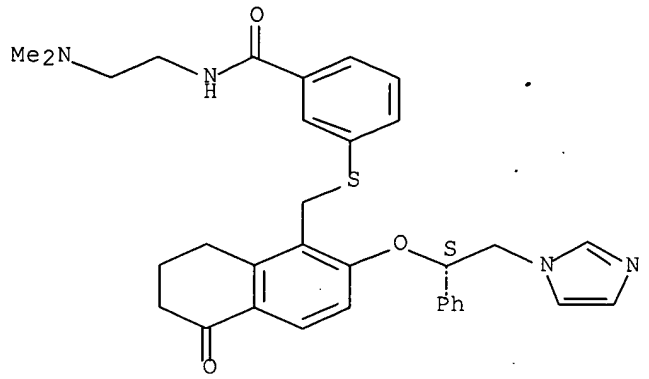
RN 368881-90-7 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



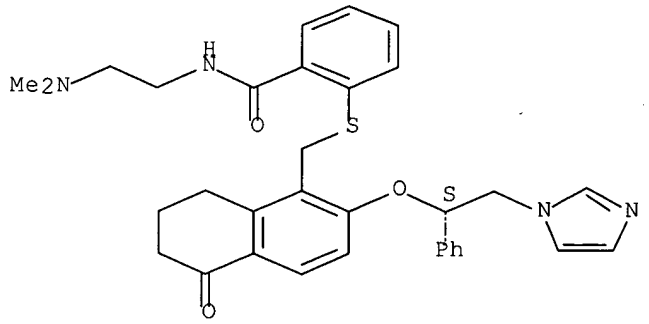
RN 368881-91-8 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



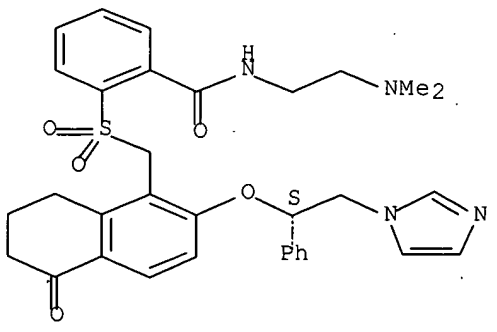
RN 368881-92-9 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



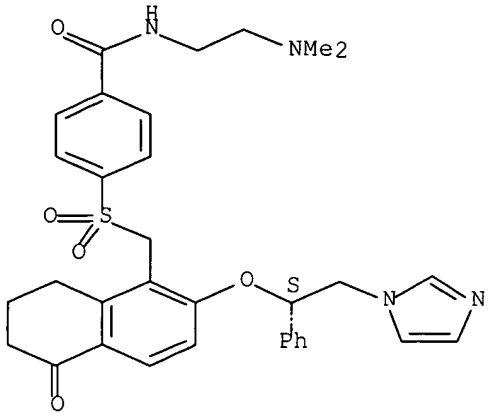
RN 368881-93-0 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



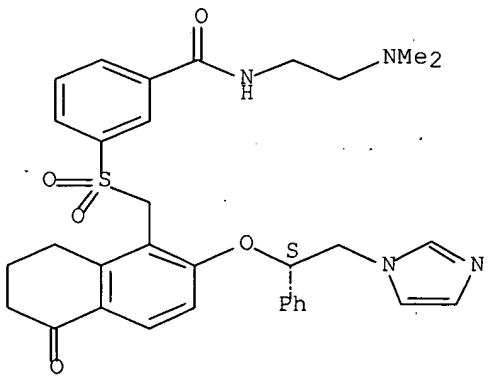
RN 368881-94-1 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



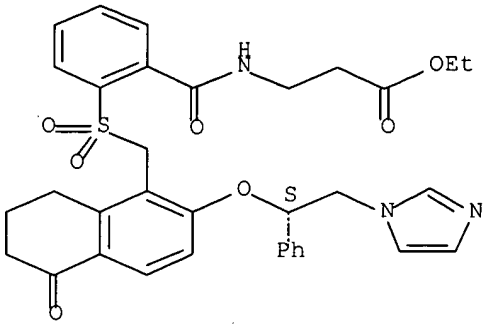
RN 368881-95-2 HCAPLUS
CN Benzamide, N-[2-(dimethylamino)ethyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368881-98-5 HCAPLUS
CN β-Alanine, N-[2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]benzoyl]-, ethyl ester (9CI) (CA INDEX NAME)

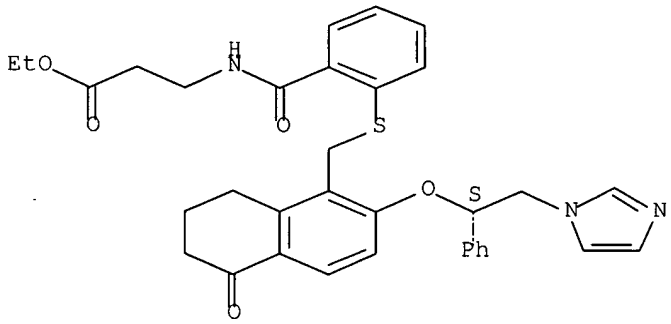
Absolute stereochemistry.



RN 368881-99-6 HCAPLUS

CN β-Alanine, N-[2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]benzoyl]-, ethyl ester (9CI) (CA INDEX NAME)

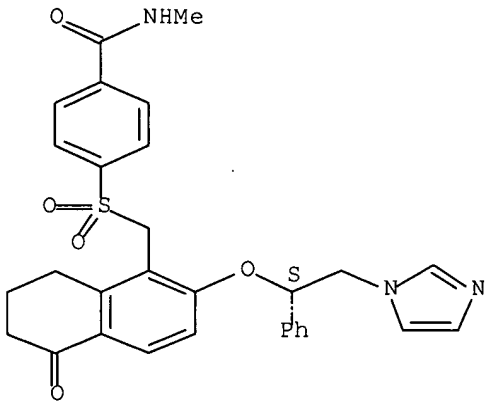
Absolute stereochemistry.



RN 368882-02-4 HCAPLUS

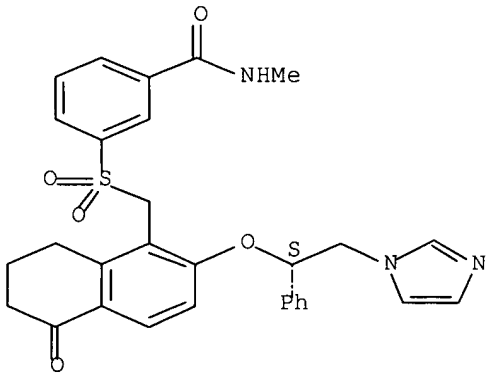
CN Benzamide, N-methyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



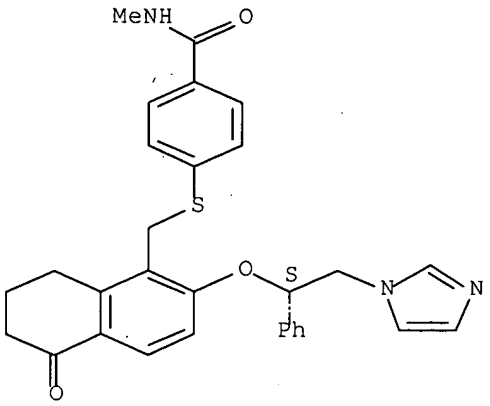
RN 368882-03-5 HCAPLUS
CN Benzamide, N-methyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



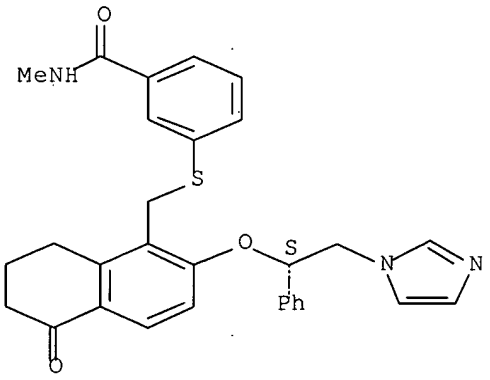
RN 368882-04-6 HCAPLUS
CN Benzamide, N-methyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



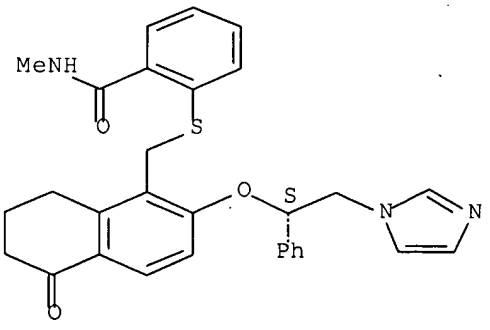
RN 368882-05-7 HCAPLUS
CN Benzamide, N-methyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



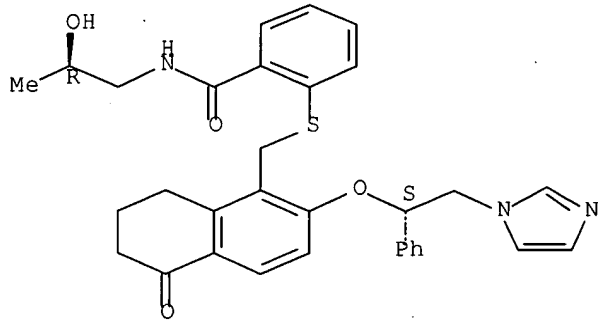
RN 368882-06-8 HCAPLUS
CN Benzamide, N-methyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



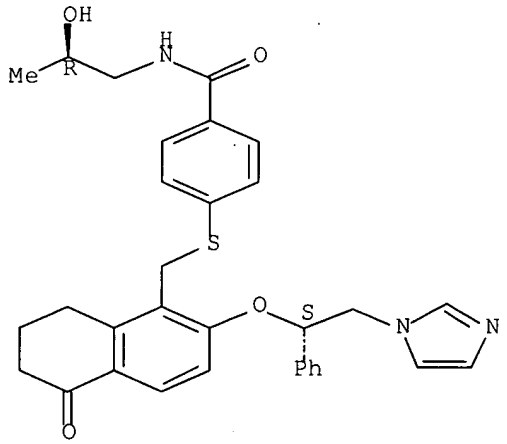
RN 368882-07-9 HCAPLUS
CN Benzamide, N-[(2R)-2-hydroxypropyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



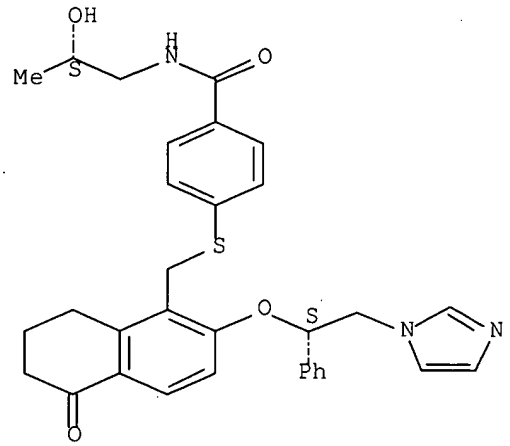
RN 368882-08-0 HCAPLUS
CN Benzamide, N-[(2R)-2-hydroxypropyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



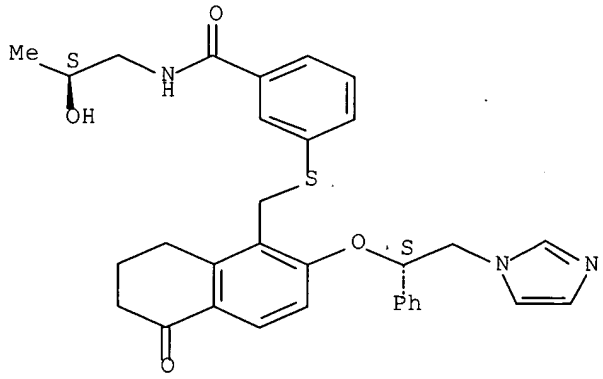
RN 368882-09-1 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



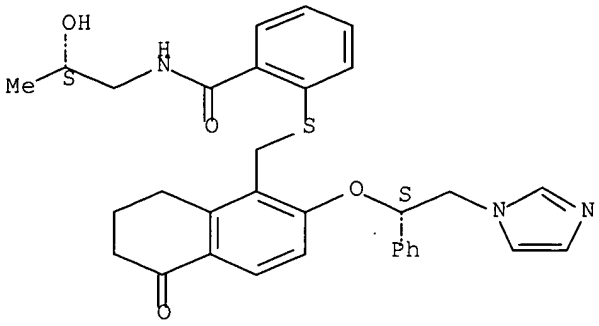
RN 368882-10-4 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



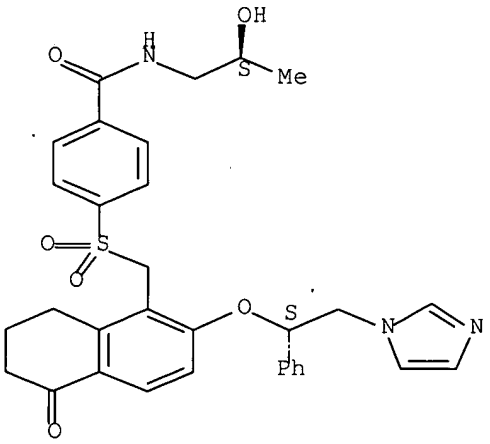
RN 368882-11-5 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



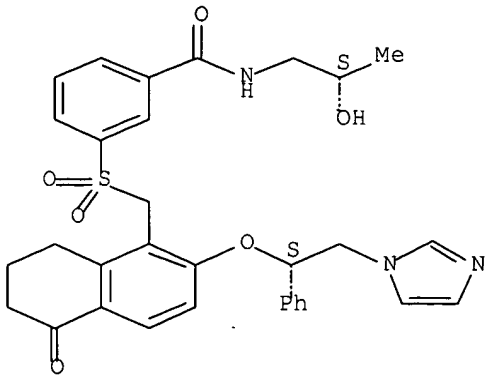
RN 368882-12-6 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



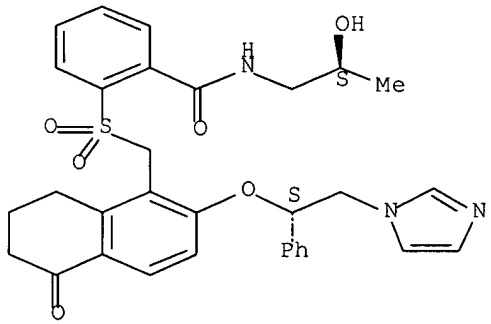
RN 368882-13-7 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



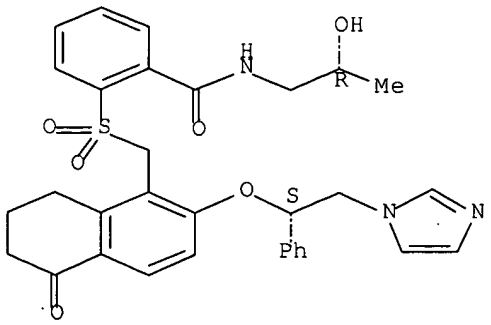
RN 368882-14-8 HCAPLUS
CN Benzamide, N-[(2S)-2-hydroxypropyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



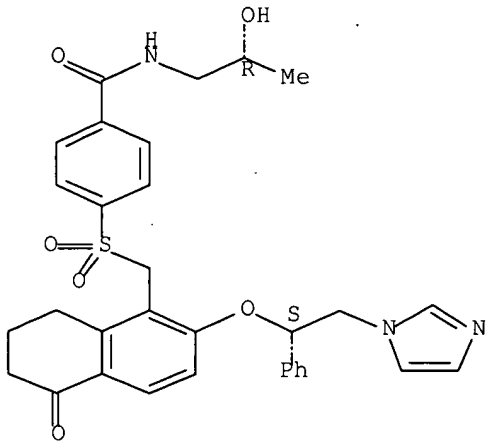
RN 368882-15-9 HCAPLUS
CN Benzamide, N-[(2R)-2-hydroxypropyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



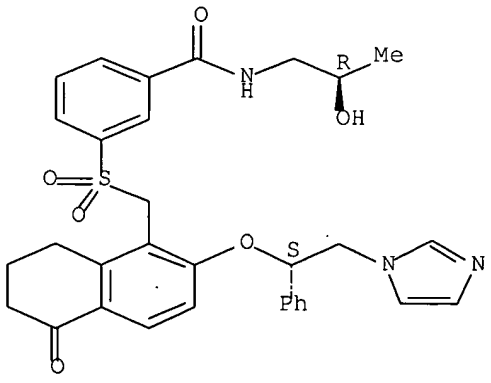
RN 368882-16-0 HCAPLUS
CN Benzamide, N-[(2R)-2-hydroxypropyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



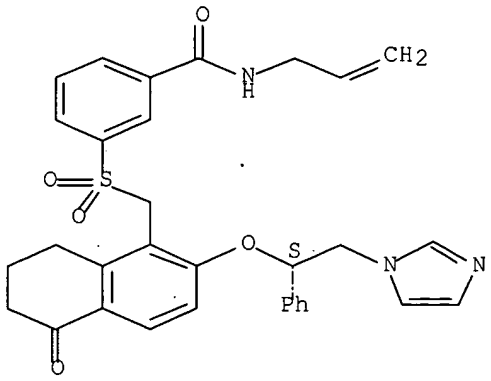
RN 368882-17-1 HCAPLUS
CN Benzamide, N-[(2R)-2-hydroxypropyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



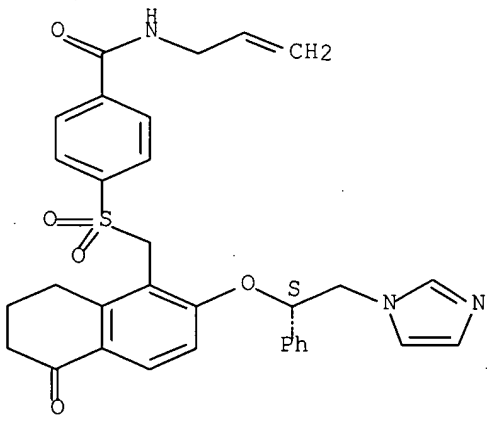
RN 368882-18-2 HCAPLUS
CN Benzamide, N-2-propenyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



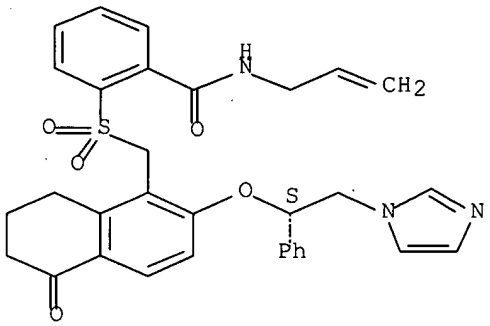
RN 368882-19-3 HCAPLUS
CN Benzamide, N-2-propenyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



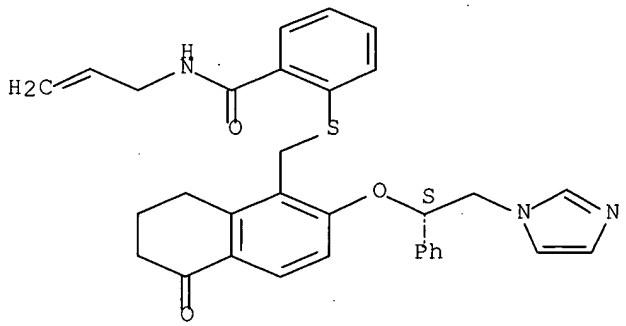
RN 368882-20-6 HCAPLUS
CN Benzamide, N-2-propenyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



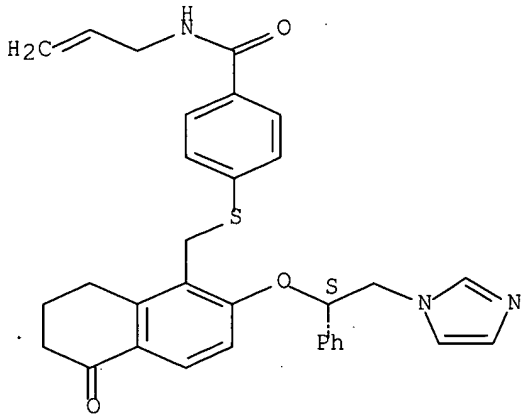
RN 368882-21-7 HCAPLUS
CN Benzamide, N-2-propenyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



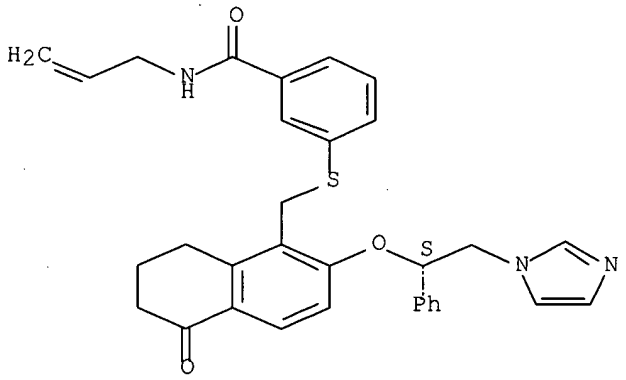
RN 368882-22-8 HCAPLUS
CN Benzamide, N-2-propenyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



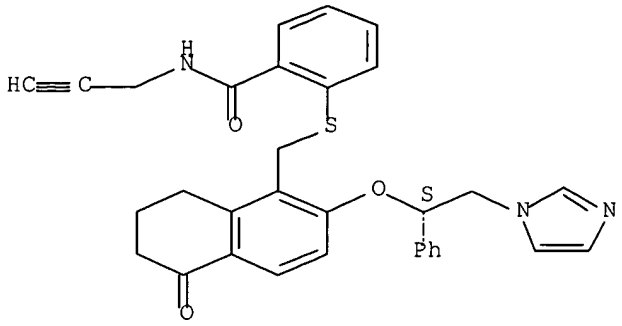
RN 368882-23-9 HCAPLUS
CN Benzamide, N-2-propenyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



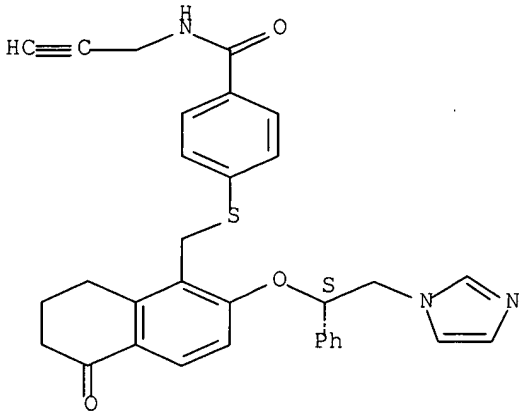
RN 368882-24-0 HCAPLUS
CN Benzamide, N-2-propynyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



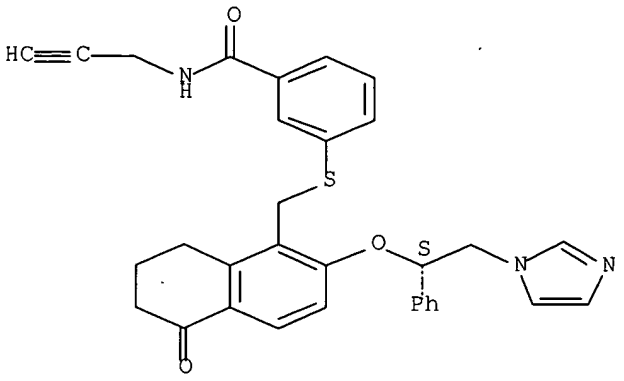
RN 368882-25-1 HCAPLUS
CN Benzamide, N-2-propynyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



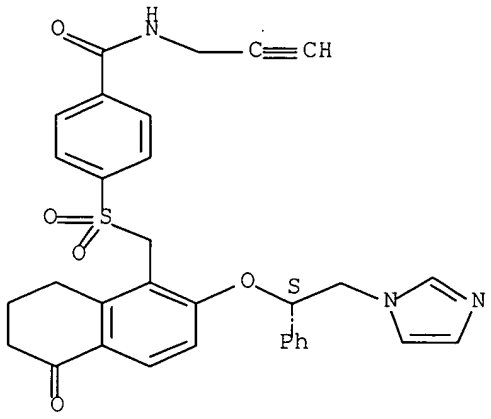
RN 368882-26-2 HCAPLUS
CN Benzamide, N-2-propynyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



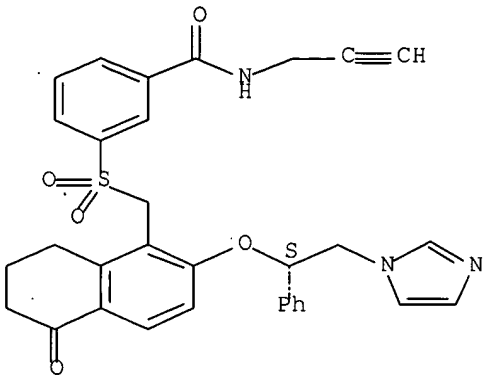
RN 368882-27-3 HCAPLUS
CN Benzamide, N-2-propynyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



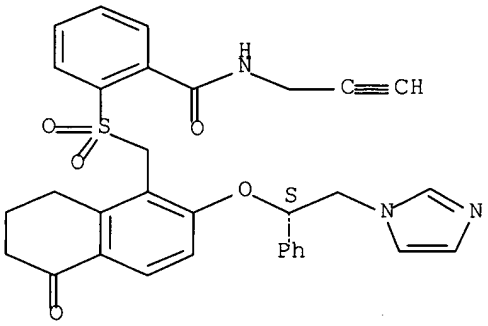
RN 368882-28-4 HCAPLUS
CN Benzamide, N-2-propynyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



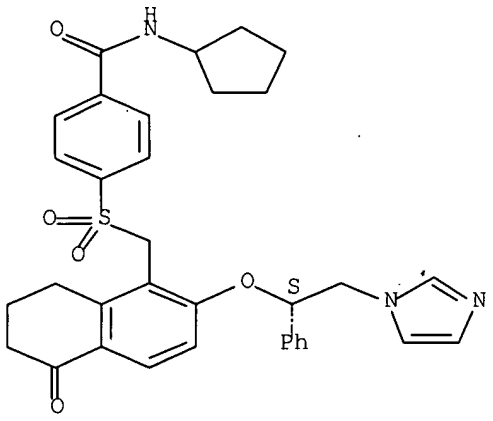
RN 368882-29-5 HCAPLUS
CN Benzamide, N-2-propynyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



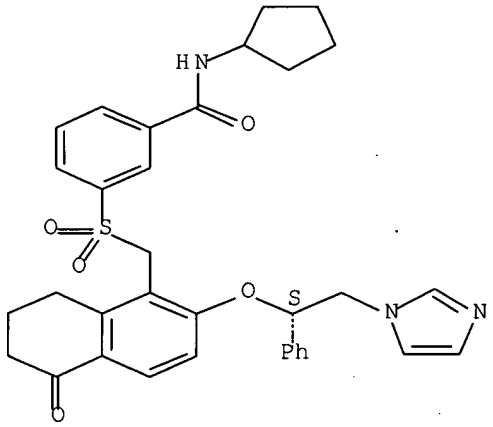
RN 368882-30-8 HCAPLUS
CN Benzamide, N-cyclopentyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



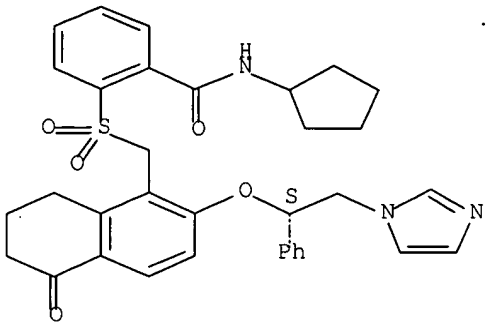
RN 368882-31-9 HCAPLUS
CN Benzamide, N-cyclopentyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



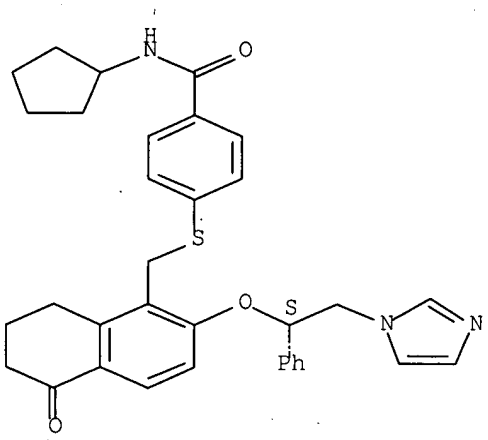
RN 368882-32-0 HCAPLUS
CN Benzamide, N-cyclopentyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



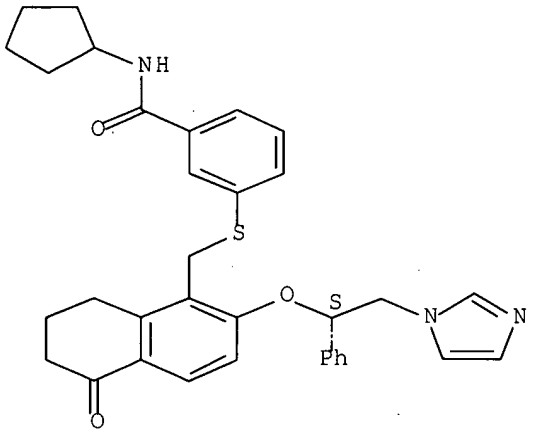
RN 368882-33-1 HCAPLUS
CN Benzamide, N-cyclopentyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



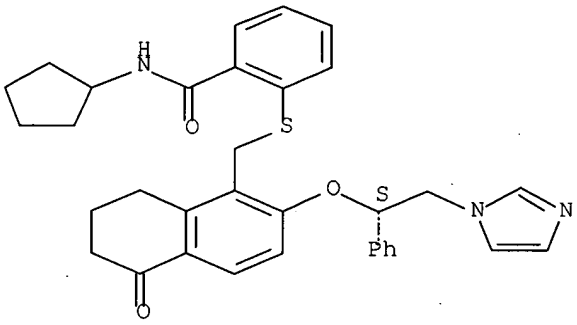
RN 368882-34-2 HCAPLUS
CN Benzamide, N-cyclopentyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



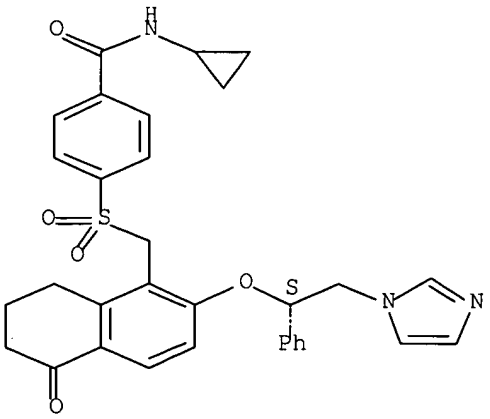
RN 368882-35-3 HCAPLUS
CN Benzamide, N-cyclopentyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



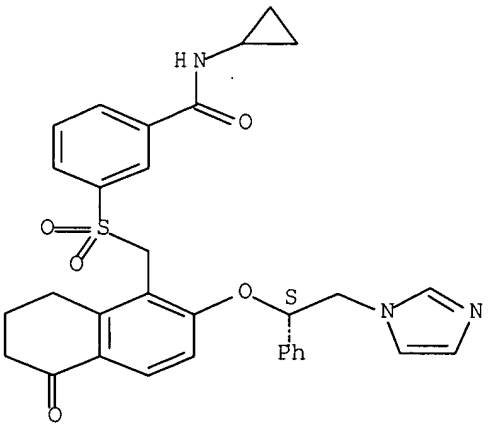
RN 368882-36-4 HCAPLUS
CN Benzamide, N-cyclopropyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



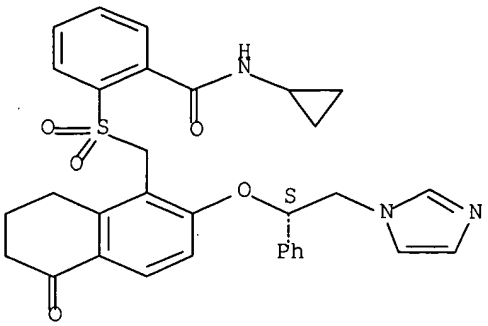
RN 368882-37-5 HCAPLUS
CN Benzamide, N-cyclopropyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368882-38-6 HCAPLUS
CN Benzamide, N-cyclopropyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT ***368882-39-7P***, N-Cyclopropyl-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-40-0P***, N-Cyclopropyl-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-41-1P***, N-Cyclopropyl-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-42-2P***, N-(2-Furylmethyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-43-3P***, N-(2-Furylmethyl)-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-44-4P***, N-(2-Furylmethyl)-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-45-5P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-46-6P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-47-7P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-48-8P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-49-9P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-50-2P***, N-[2-Hydroxy-1-(hydroxymethyl)ethyl]-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-51-3P***, N-(2-Furylmethyl)-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-52-4P***, N-(2-Furylmethyl)-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-53-5P***, N-(2-Furylmethyl)-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-54-6P***, N-[(1R)-1-(Hydroxymethyl)propyl]-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-55-7P***, N-[(1R)-1-(Hydroxymethyl)propyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]benzamide ***368882-56-8P***, N-[(1R)-1-(Hydroxymethyl)propyl]-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-

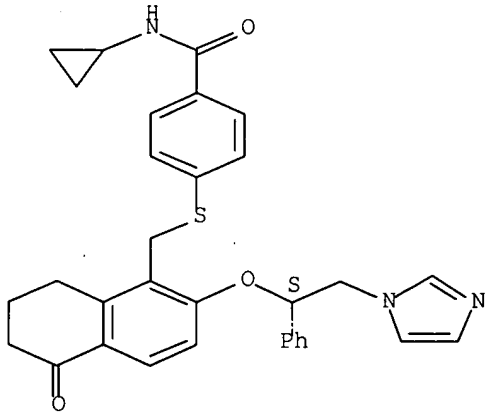
naphthalenyl]methyl]sulfonyl]benzamide ***368882-57-9P***,
N-[(1R)-1-(Hydroxymethyl)propyl]-2-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-58-0P***, N-[(1R)-1-(Hydroxymethyl)propyl]-4-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-59-1P***,
N-[(1R)-1-(Hydroxymethyl)propyl]-3-[[[2-[[(1S)-2-(1H-imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]benzamide ***368882-60-4P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-((2S)-2-methylbutyl)benzamide ***368882-61-5P***,
3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-((2S)-2-methylbutyl)benzamide ***368882-62-6P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-((2S)-2-methylbutyl)benzamide ***368882-63-7P***,
2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-((2S)-2-methylbutyl)benzamide ***368882-64-8P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-((2S)-2-methylbutyl)benzamide ***368882-65-9P***, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-((2S)-2-methylbutyl)benzamide
368882-66-0P 368882-67-1P 368882-68-2P
368882-69-3P 368882-70-6P 368882-71-7P
368882-72-8P, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-methoxyethyl)benzamide ***368882-73-9P***,
2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-methoxyethyl)benzamide ***368882-74-0P***, 4-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]thio]-N-(2-methoxyethyl)benzamide ***368882-75-1P***, 4-[[[2-[[(S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-methoxyethyl)benzamide
368882-76-2P, 3-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-methoxyethyl)benzamide ***368882-77-3P***, 2-[[[2-[[(1S)-2-(1H-Imidazol-1-yl)-1-phenylethyl]oxy]-5-oxo-5,6,7,8-tetrahydro-1-naphthalenyl]methyl]sulfonyl]-N-(2-methoxyethyl)benzamide
368882-78-4P, (+)-6-[2-Imidazolyl-1-(2-pyridyl)ethoxy]-5-(2-phenylethyl)-2,3,4-trihydronaphthalen-1-one ***368882-79-5P***,
(+)-6-[2-Imidazolyl-1-(3-pyridyl)ethoxy]-5-(2-phenylethyl)-2,3,4-trihydronaphthalen-1-one ***368882-80-8P 368882-81-9P***
368882-82-0P 368882-83-1P 368882-84-2P
368882-85-3P 368882-86-4P 368882-87-5P
368882-89-7P 368882-90-0P, (+)-6-[2-Imidazolyl-1-(2-thienyl)ethoxy]-5-prop-2-enyl-2,3,4-trihydronaphthalen-1-one
368882-91-1P, 6-[1-(1H-Imidazol-1-ylmethyl)-2-methylpropoxy]-5-[(phenylsulfonyl)methyl]-3,4-dihydro-1(2H)-naphthalenone
368882-92-2P, 6-[1-(1H-Imidazol-1-ylmethyl)propoxy]-5-[(phenylsulfonyl)methyl]-3,4-dihydro-1(2H)-naphthalenone
368882-93-3P, (+)-6-[2-(2-Methylimidazol-1-yl)-1-phenylethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one ***368882-94-4P***
368882-95-5P 368882-96-6P, 6-[2-(2-Aminoimidazol-1-yl)-1-phenylethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one
368882-98-8P 368883-12-9P 368883-18-5P
368883-22-1P 368883-31-2P, (S)-6-(-2-Imidazol-1-yl-1-phenylethoxy)-5-(2-isoquinolin-4-ylethyl)-3,4-dihydro-2H-naphthalen-1-one hydrochloride ***368883-51-6P 368883-77-6P***,

(±)-6-(2-Imidazolyl-1-phenylethoxy)-4-phenyl-2,3,4-trihydronaphthalen-1-one ***368883-86-7P***, (±)-6-(2-Imidazolyl-1-phenylethyloxy)-5-prop-2-enyl-2,3,4-trihydronaphthalen-1-one ***368883-88-9P***, 6-(2-Imidazolyl-1-phenylethoxy)-5-propyl-2,3,4-trihydronaphthalen-1-one ***368883-90-3P***, (±)-6-(2-Imidazolyl-1-phenylethoxy)-5-(2-methylprop-2-enyl)-2,3,4-trihydronaphthalen-1-one ***368883-93-6P***, (±)-6-[2-Imidazolyl-1-(2-pyridyl)ethoxy]-5-(2-phenylethyl)-2,3,4-trihydronaphthalen-1-one ***368884-03-1P***, (±)-6-[1-(2-Chlorophenyl)-2-imidazolylethoxy]-5-prop-2-enyl-2,3,4-trihydronaphthalen-1-one ***368884-04-2P***, (±)-6-[1-(2,6-Dichlorophenyl)-2-imidazolylethoxy]-5-prop-2-enyl-2,3,4-trihydronaphthalen-1-one ***368884-19-9P 368884-20-2P 368884-21-3P 368884-24-6P***, 6-[[1-(1H-Imidazol-1-ylmethyl)pentyl]oxy]-5-[(phenylsulfonyl)methyl]-3,4-dihydro-1(2H)-naphthalen-1-one ***368884-26-8P***, (±)-6-[2-(2-Methylimidazol-1-yl)-1-phenylethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one ***368884-29-1P***, 6-[2-(2-Nitroimidazol-1-yl)-1-phenylethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one ***368884-30-4P***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-[(4-methoxyphenoxy)methyl]-2,3,4-trihydronaphthalen-1-one
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)

RN 368882-39-7 HCAPLUS

CN Benzamide, N-cyclopropyl-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

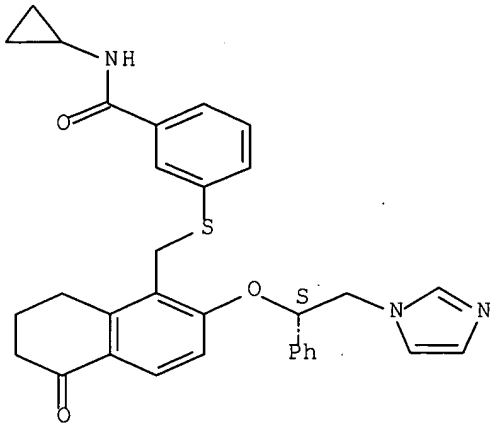
Absolute stereochemistry.



RN 368882-40-0 HCAPLUS

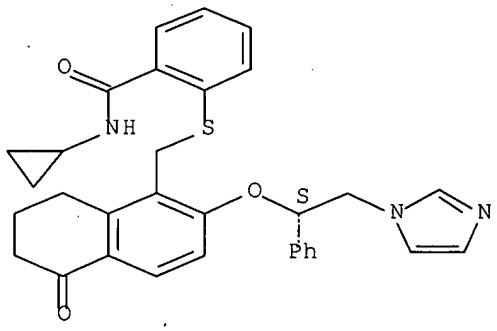
CN Benzamide, N-cyclopropyl-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



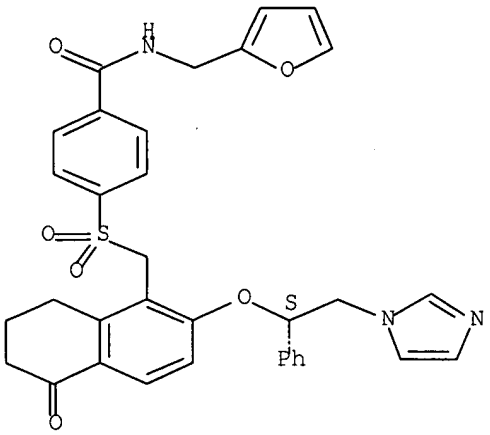
RN 368882-41-1 HCAPLUS
CN Benzamide, N-cyclopropyl-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



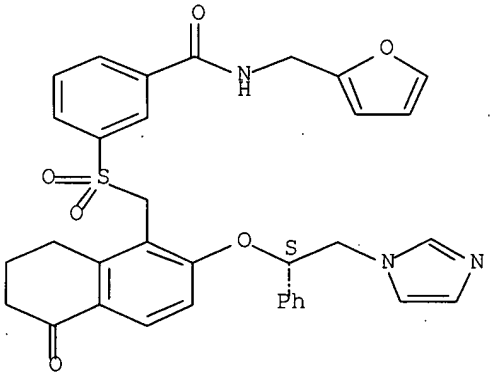
RN 368882-42-2 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



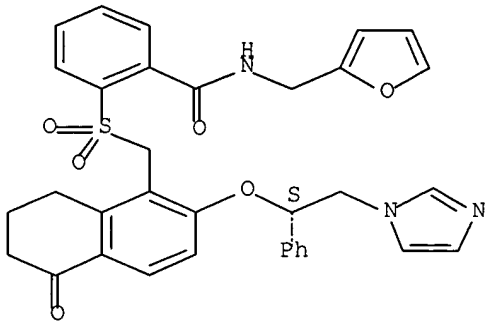
RN 368882-43-3 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



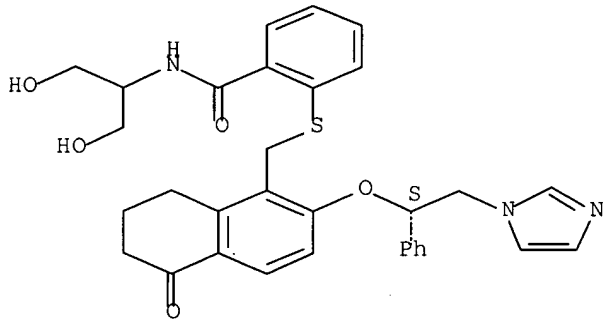
RN 368882-44-4 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



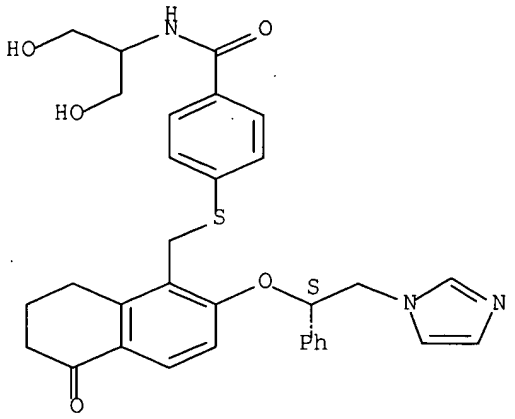
RN 368882-45-5 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



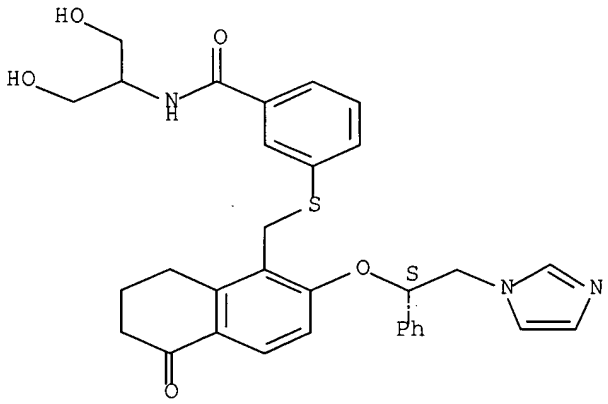
RN 368882-46-6 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



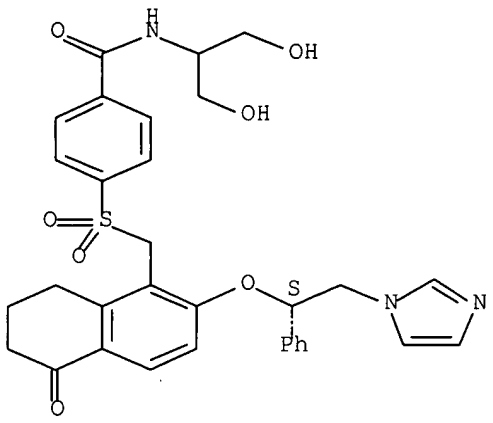
RN 368882-47-7 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



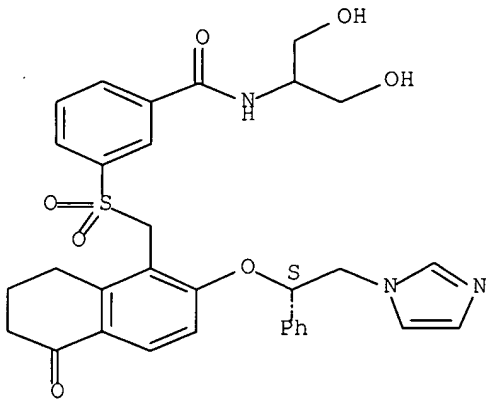
RN 368882-48-8 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



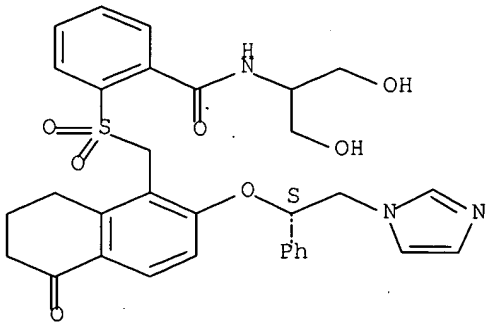
RN 368882-49-9 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



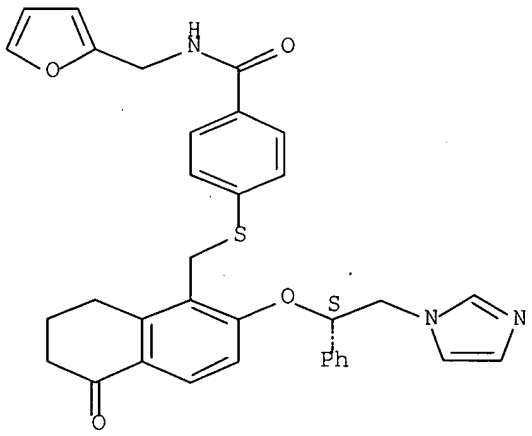
RN 368882-50-2 HCAPLUS
CN Benzamide, N-[2-hydroxy-1-(hydroxymethyl)ethyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



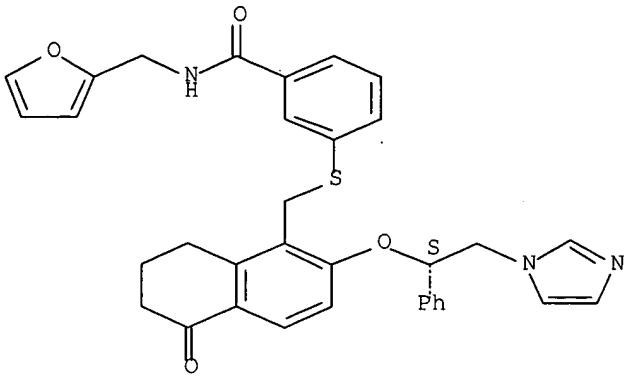
RN 368882-51-3 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



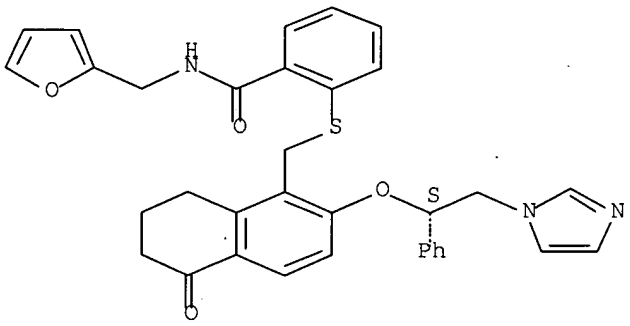
RN 368882-52-4 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



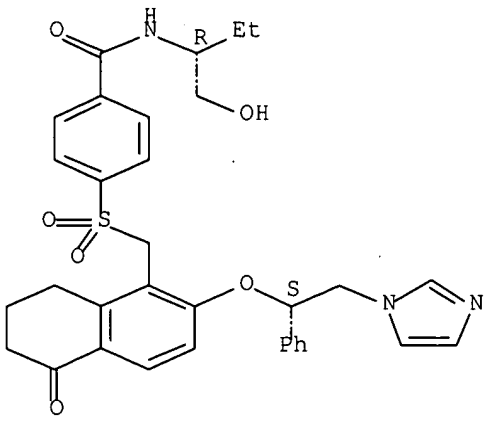
RN 368882-53-5 HCAPLUS
CN Benzamide, N-(2-furanylmethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



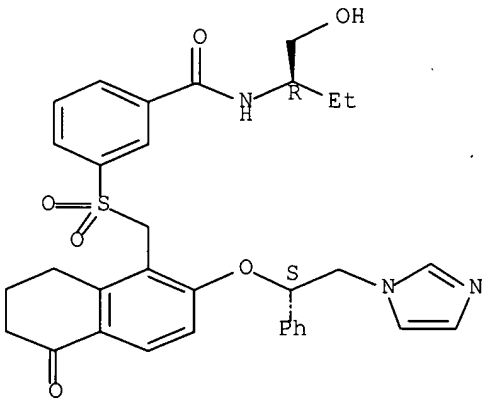
RN 368882-54-6 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



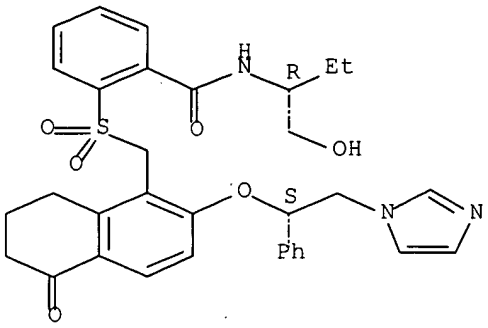
RN 368882-55-7 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



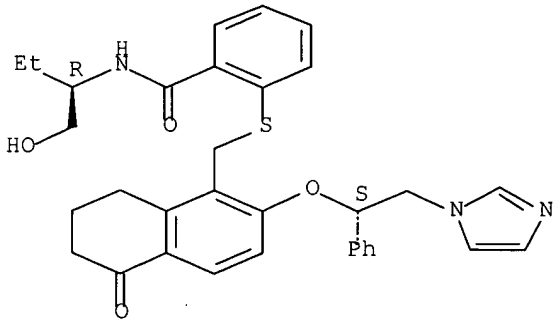
RN 368882-56-8 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



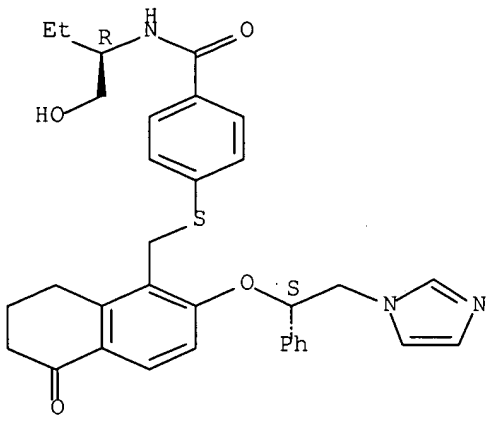
RN 368882-57-9 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



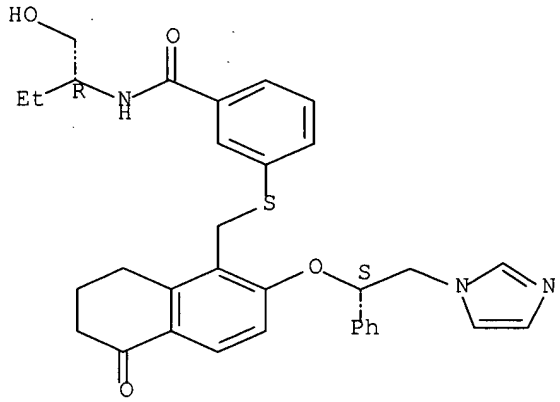
RN 368882-58-0 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



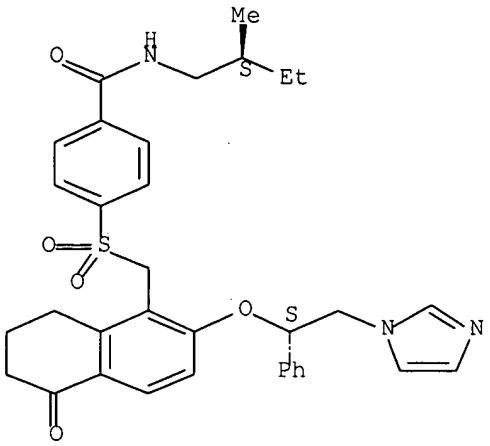
RN 368882-59-1 HCAPLUS
CN Benzamide, N-[(1R)-1-(hydroxymethyl)propyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



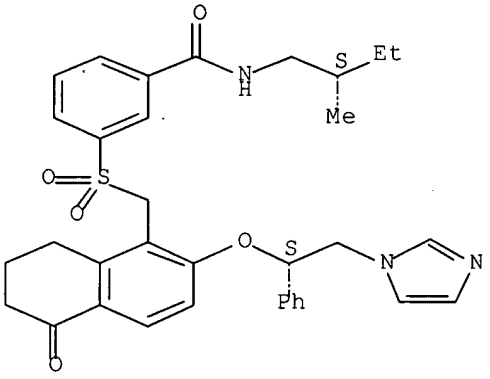
RN 368882-60-4 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



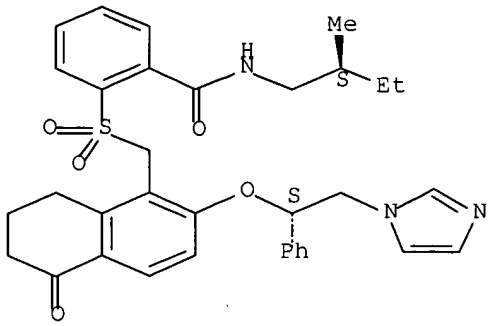
RN 368882-61-5 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



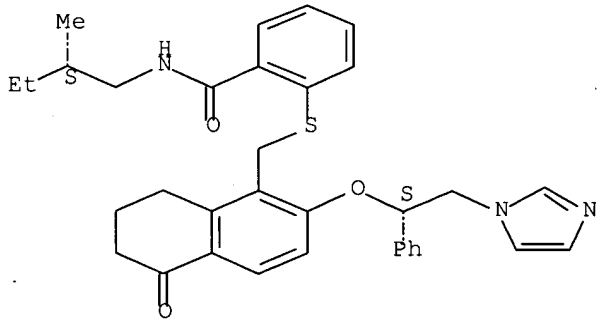
RN 368882-62-6 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



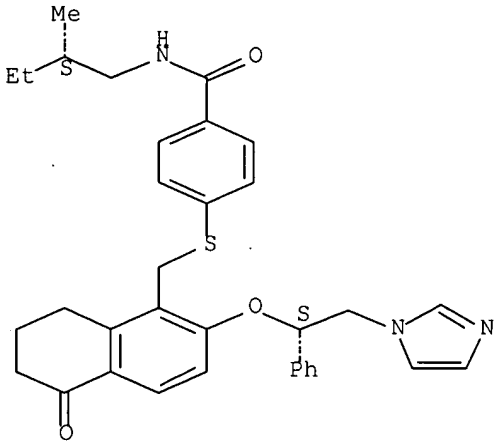
RN 368882-63-7 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



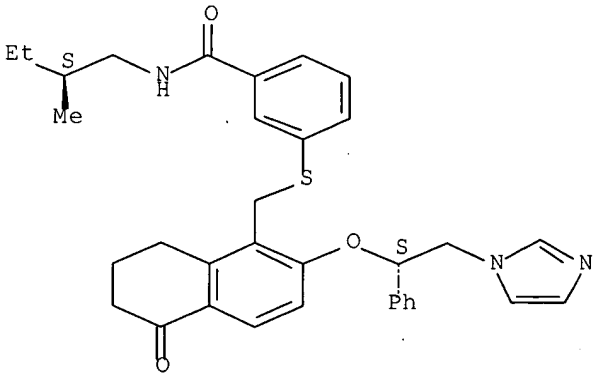
RN 368882-64-8 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



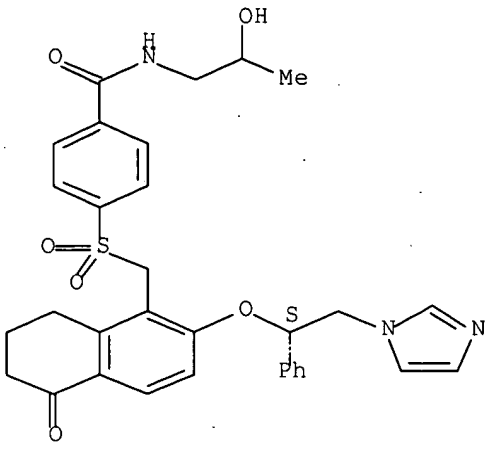
RN 368882-65-9 HCAPLUS
CN Benzamide, N-[(2S)-2-methylbutyl]-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



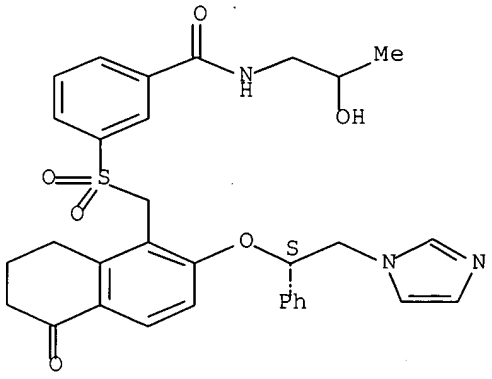
RN 368882-66-0 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



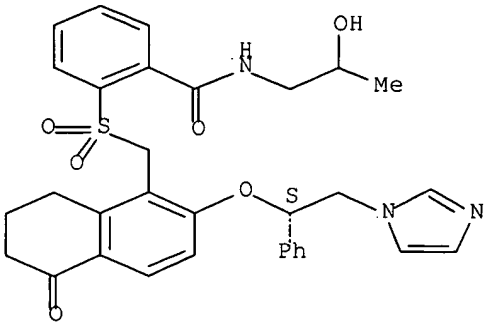
RN 368882-67-1 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



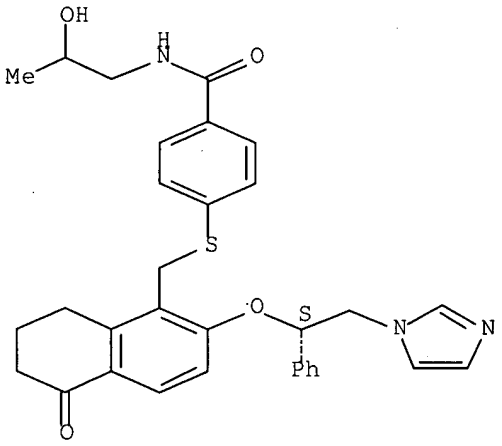
RN 368882-68-2 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



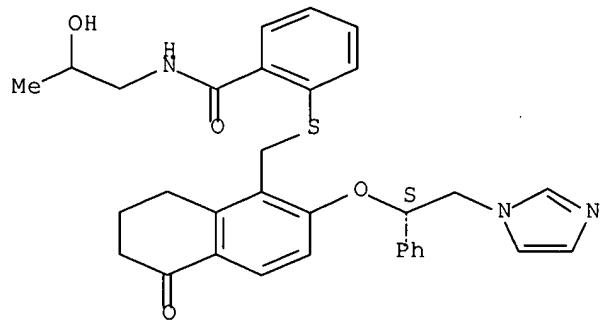
RN 368882-69-3 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



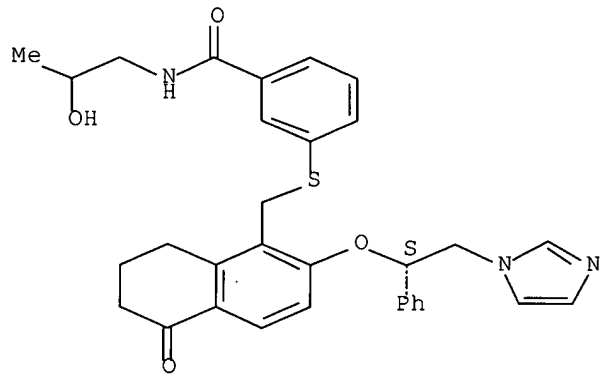
RN 368882-70-6 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



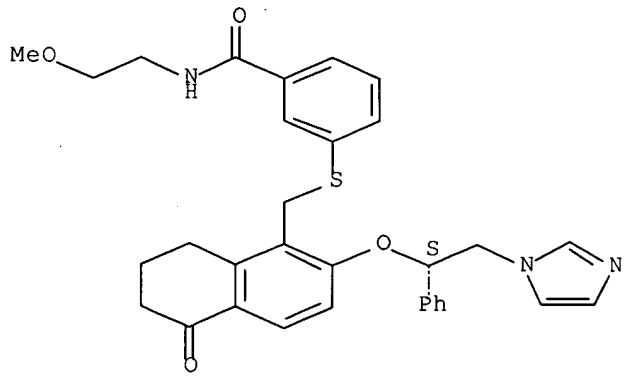
RN 368882-71-7 HCAPLUS
CN Benzamide, N-(2-hydroxypropyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



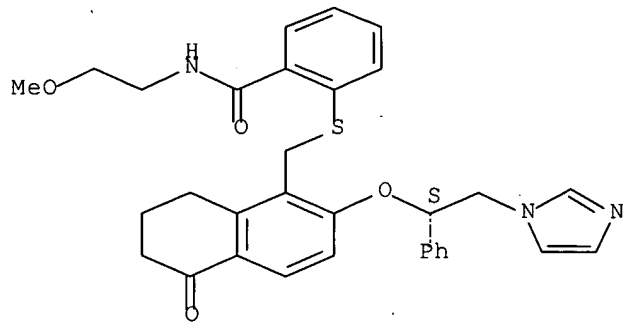
RN 368882-72-8 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



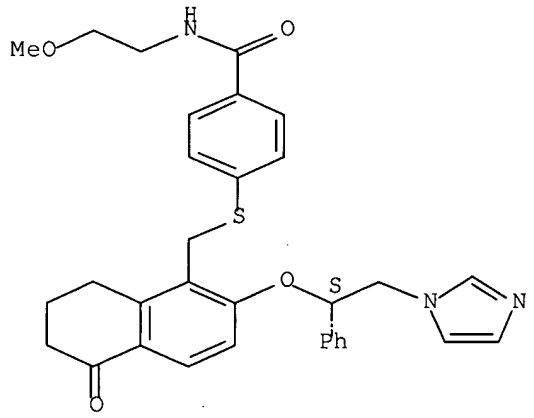
RN 368882-73-9 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



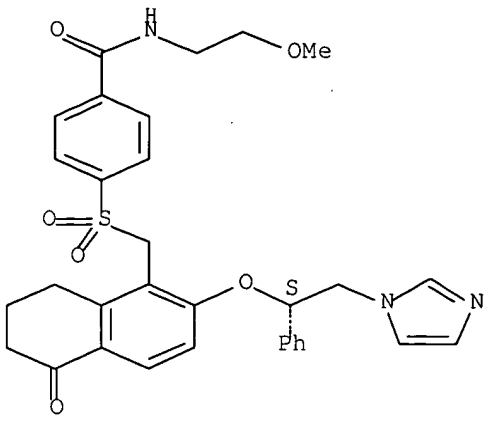
RN 368882-74-0 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



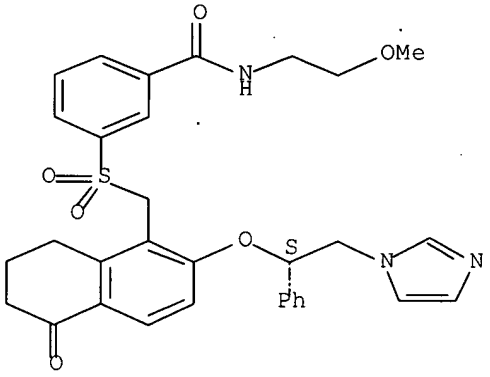
RN 368882-75-1 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-4-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



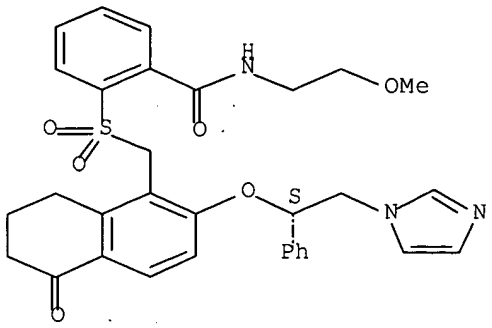
RN 368882-76-2 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-3-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



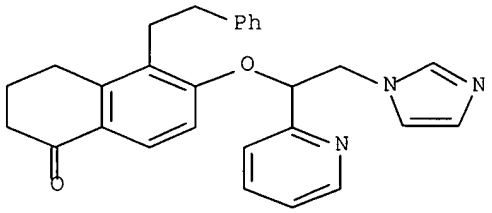
RN 368882-77-3 HCAPLUS
CN Benzamide, N-(2-methoxyethyl)-2-[[[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-oxo-1-naphthalenyl]methyl]sulfonyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



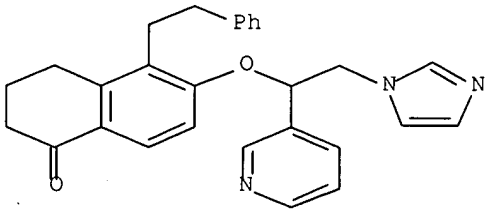
RN 368882-78-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-pyridinyl)ethoxy]-5-(2-phenylethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



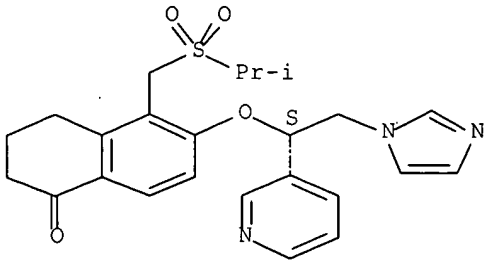
RN 368882-79-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-(2-phenylethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



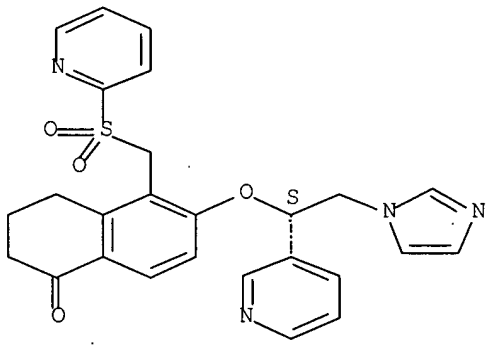
RN 368882-80-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-[[(1-methylethyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



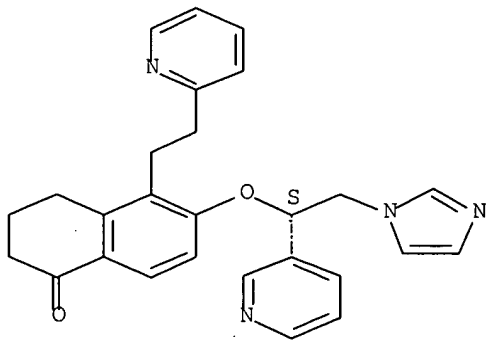
RN 368882-81-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-[(2-pyridinylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



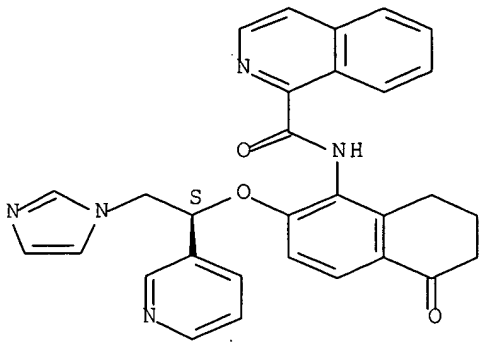
RN 368882-82-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



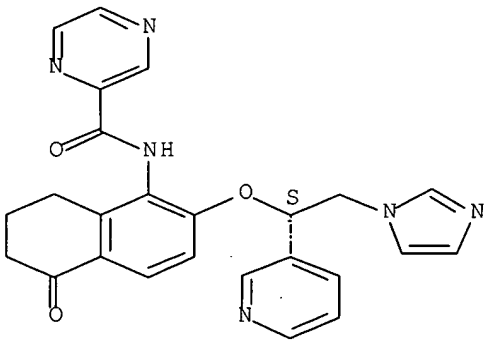
RN 368882-83-1 HCAPLUS
CN 1-Isoquinolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



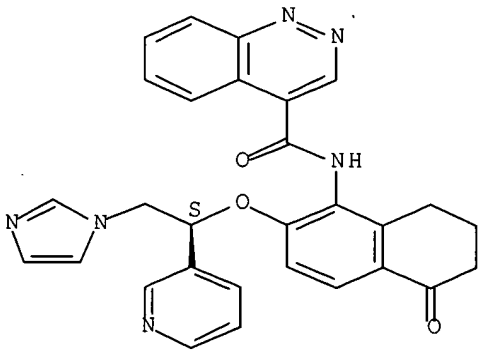
RN 368882-84-2 HCAPLUS
CN Pyrazinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



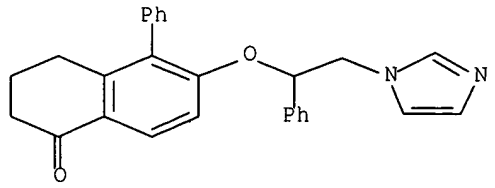
RN 368882-85-3 HCAPLUS
CN 4-Cinnolinecarboxamide, N-[5,6,7,8-tetrahydro-2-[(1S)-2-(1H-imidazol-1-yl)-1-(3-pyridinyl)ethoxy]-5-oxo-1-naphthalenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



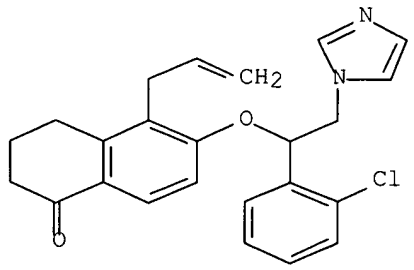
RN 368882-86-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-phenyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



RN 368882-87-5 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[1-(2-chlorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-(2-propenyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

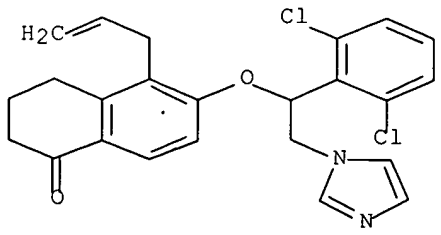


RN 368882-89-7 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[1-(2,6-dichlorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-(2-propenyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

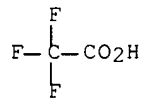
CRN 368882-88-6
CMF C24 H22 Cl2 N2 O2

Rotation (+).



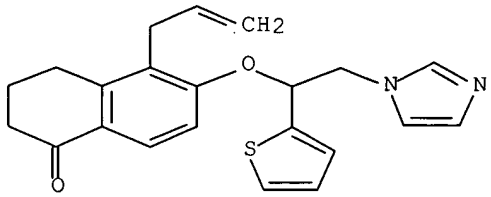
CM 2

CRN 76-05-1
CMF C2 H F3 O2

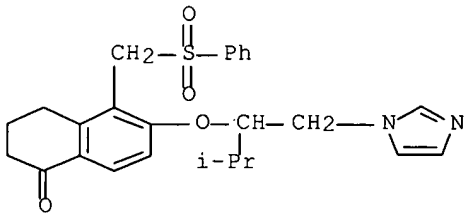


RN 368882-90-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-thienyl)ethoxy]-5-(2-propenyl)-, (+)- (9CI) (CA INDEX NAME)

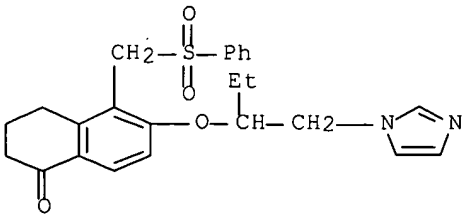
Rotation (+).



RN 368882-91-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

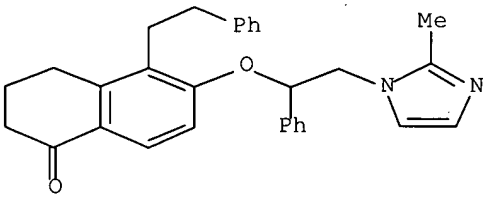


RN 368882-92-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[1-(1H-imidazol-1-ylmethyl)propoxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

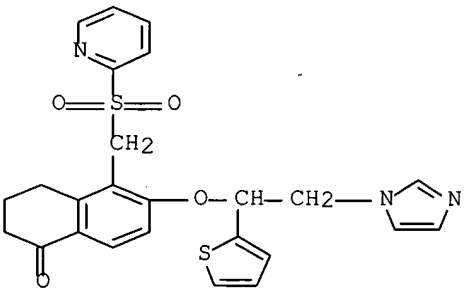


RN 368882-93-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(2-methyl-1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylethyl)-, (+)- (9CI) (CA INDEX NAME)

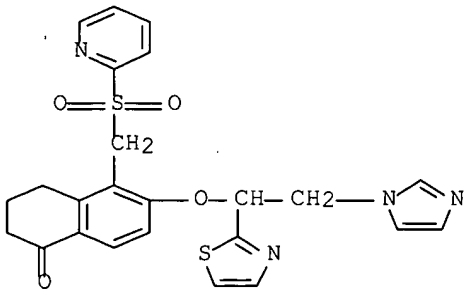
Rotation (+).



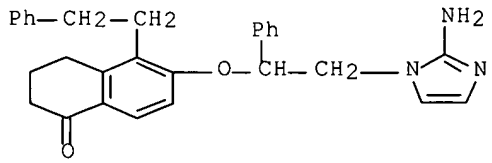
RN 368882-94-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-thienyl)ethoxy]-5-[(2-pyridinylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



RN 368882-95-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-thiazolyl)ethoxy]-5-[(2-pyridinylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



RN 368882-96-6 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[2-(2-amino-1H-imidazol-1-yl)-1-phenylethoxy]-3,4-dihydro-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

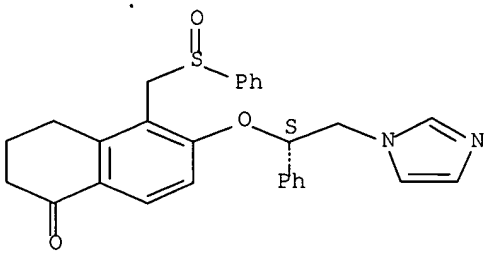


RN 368882-98-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylsulfinyl)methyl]-, trifluoroacetate (20:29) (9CI) (CA INDEX NAME)

CM 1

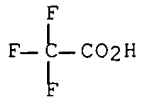
CRN 368880-95-9
CMF C28 H26 N2 O3 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

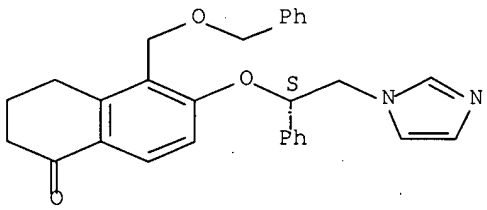


RN 368883-12-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylmethoxy)methyl]-, trifluoroacetate (4:5) (9CI) (CA INDEX NAME)

CM 1

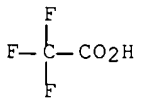
CRN 368879-90-7
CMF C29 H28 N2 O3

Absolute stereochemistry.



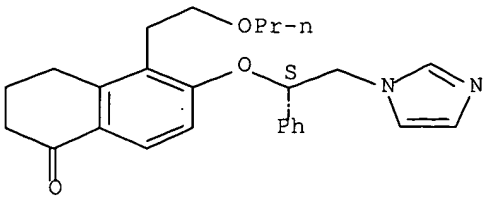
CM 2

CRN 76-05-1
CMF C2 H F3 O2

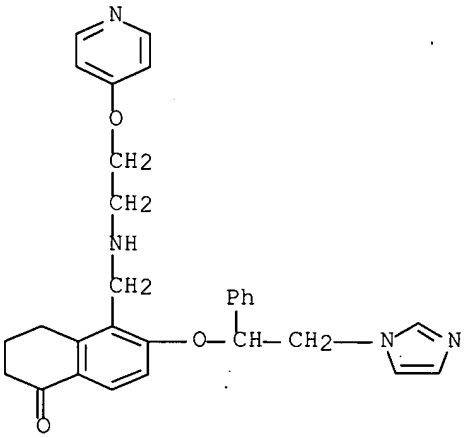


RN 368883-18-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-propoxyethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

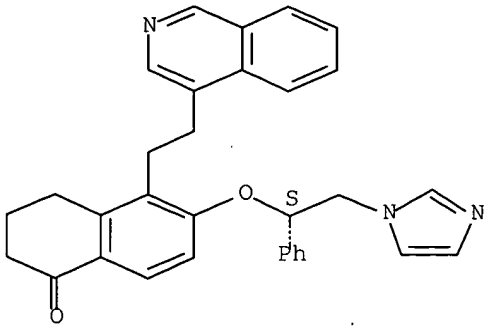


RN 368883-22-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[[[2-(4-pyridinyloxy)ethyl]amino]methyl]- (9CI) (CA INDEX NAME)



RN 368883-31-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(4-isoquinolinyl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)

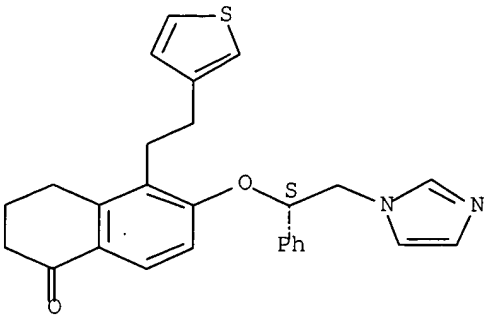
Absolute stereochemistry.



●x HCl

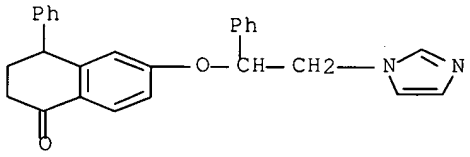
RN 368883-51-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(3-thienyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

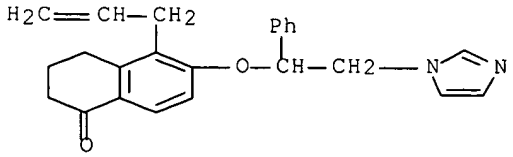


● HCl

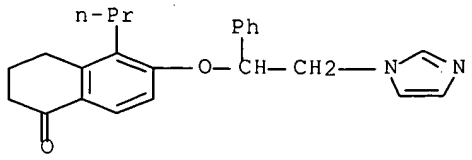
RN 368883-77-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-4-phenyl- (9CI) (CA INDEX NAME)



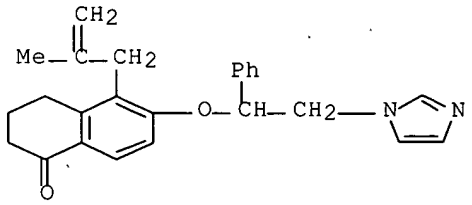
RN 368883-86-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-propenyl)- (9CI) (CA INDEX NAME)



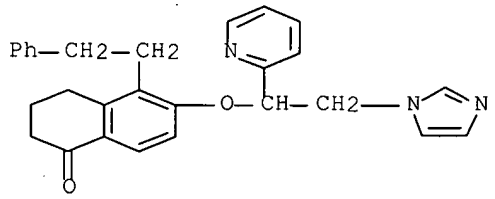
RN 368883-88-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-propyl- (9CI) (CA INDEX NAME)



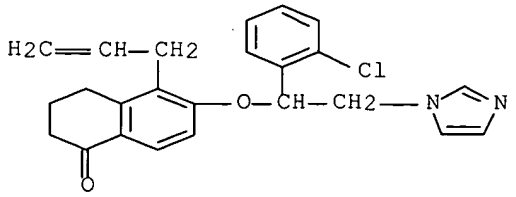
RN 368883-90-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)



RN 368883-93-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-(2-pyridinyl)ethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

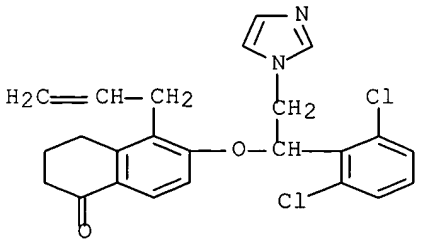


RN 368884-03-1 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[1-(2-chlorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-(2-propenyl)- (9CI) (CA INDEX NAME)



RN 368884-04-2 HCAPLUS

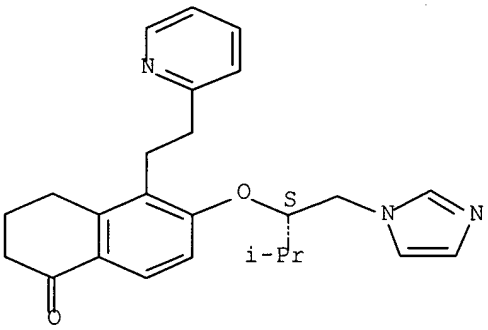
CN 1(2H)-Naphthalenone, 6-[1-(2,6-dichlorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-(2-propenyl)- (9CI) (CA INDEX NAME)



RN 368884-19-9 HCAPLUS

CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-1-(1H-imidazol-1-ylmethyl)-2-methylpropoxy]-5-[2-(2-pyridinyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

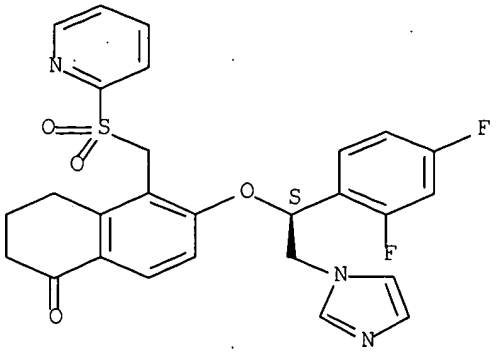


●2 HCl

RN 368884-20-2 HCAPLUS

CN 1(2H)-Naphthalenone, 6-[(1S)-1-(2,4-difluorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-[(2-pyridinylsulfonyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

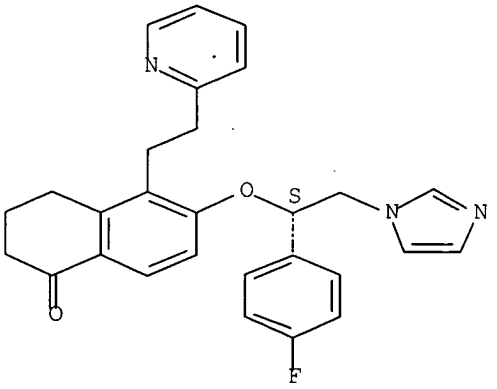
Absolute stereochemistry.



●x HCl

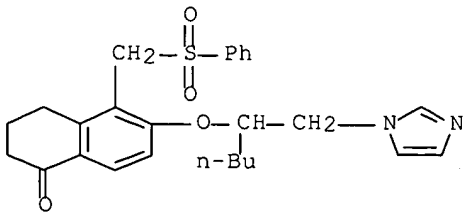
RN 368884-21-3 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[(1S)-1-(4-fluorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro-5-[2-(2-pyridinyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

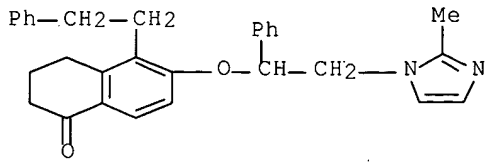


●2 HCl

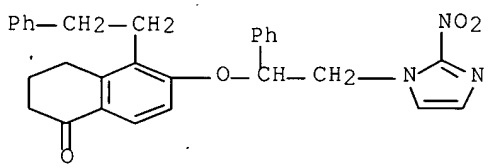
RN 368884-24-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[[1-(1H-imidazol-1-ylmethyl)pentyl]oxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



RN 368884-26-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(2-methyl-1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

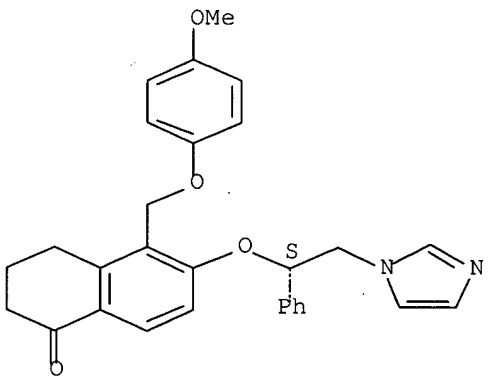


RN 368884-29-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(2-nitro-1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 368884-30-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(4-methoxyphenoxy)methyl]- (9CI) (CA INDEX NAME)

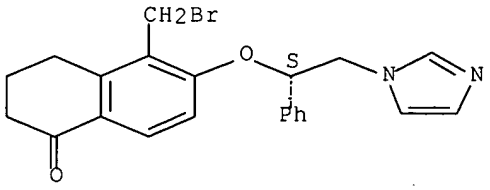
Absolute stereochemistry.



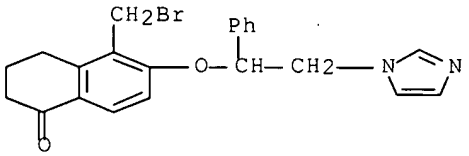
IT ***368883-23-2***, 6-((1S)-2-Imidazolyl-1-phenylethoxy)-5-(bromomethyl)-2,3,4-trihydronaphthalen-1-one ***368884-32-6***
RL: RCT (Reactant); RACT (Reactant or reagent)
(reactant; preparation of 5-substituted tetralones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases, such as cancer, atherosclerosis, restenosis, and psoriasis)

RN 368883-23-2 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(bromomethyl)-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 368884-32-6 HCAPLUS
CN 1(2H)-Naphthalenone, 5-(bromomethyl)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)



L40 ANSWER 3 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
ACCESSION NUMBER: 2001:780861 HCAPLUS Full-text
DOCUMENT NUMBER: 135:303895
TITLE: Preparation of imidazolyl-substituted 3,4-dihydro-2H-naphthalen-1-ones as Ras farnesyl transferase inhibitors
INVENTOR(S): Leonard, Daniele Marie; Repine, Joseph Thomas; Rewcastle, Gordon William
PATENT ASSIGNEE(S): Warner-Lambert Co., USA
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079179	A2	20011025	WO 2001-US12433	20010417
WO 2001079179	A3	20020523		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2406032	A1	20011025	CA 2001-2406032		20010417
AU 2001051649	A5	20011030	AU 2001-51649		20010417
BR 2001010074	A	20021231	BR 2001-10074		20010417
EP 1276724	A2	20030122	EP 2001-925049		20010417
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US 2003232790	A1	20031218	US 2002-257128		20021008
US 2004171844	A1	20040902	US 2004-782015		20040219
PRIORITY APPLN. INFO.:			US 2000-197483P	P	20000417
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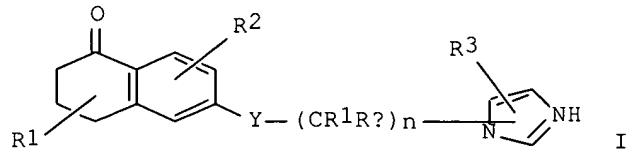
OTHER SOURCE(S): MARPAT 135:303895

GI



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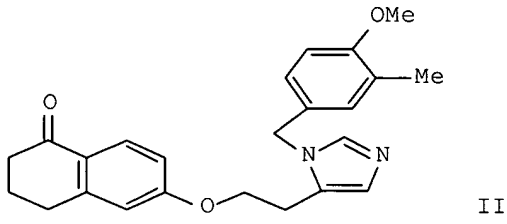


II

AB The title compds. I [wherein Ra, Rb, and Rc = independently H, alkyl, alkenyl, or (un)substituted (hetero)aryl or (hetero)arylalkyl; R1 and R2 = independently H, alkyl, alkenyl, or (un)substituted (hetero)aryl or (hetero)arylalkyl; and R1 and R2 may be attached through a linker or through an alkyl optionally interrupted by a linker, wherein said linker = NHCO, CONH, CO2, S, SO, SO2, O, or NRc; Y = NRc, O, CHRc, or S; n = 0, 2, or 3 with provisos; R3 = (un)substituted aryl, heteroarylalkyl, or arylalkyl; and pharmaceutically acceptable salts, esters, amides, and prodrugs thereof] were prepared and formulated as farnesyl transferase enzyme inhibitors. For example, 4-cyanomethyl-1H-imidazole was N-protected with di-tert-Bu dicarbonate (27%) and coupled with 4-methoxy-3-methylbenzyl alc. to give [3-(4-methoxy-3-methylbenzyl)-3H- imidazol-4-yl]acetonitrile (41%). Oxidation with 2N NaOH (97%), followed by esterification with EtOH (93%), reduction using LiAlH4 (80%), and condensation with 6-hydroxytetralone and TFA workup (43%), afforded II (6% overall yield). The latter inhibited Ras farnesyl transferase in a HEPES/K3PO4 buffer with IC50 of 0.022 μM. I are useful for treating and preventing uncontrolled or abnormal proliferation of tissues, such as cancer, atherosclerosis, restenosis, and psoriasis (no data).

IT ***367267-10-5P***, 4-[[5-[2-(5-Oxo-5,6,7,8-tetrahydronaphthalen-2-yloxy)ethyl]imidazol-1-yl]methyl]benzonitrile ***367267-11-6P***, 4-[[5-[2-(5-Oxo-1-phenethyl-5,6,7,8-tetrahydronaphthalen-2-yloxy)ethyl]imidazol-1-yl]methyl]benzonitrile ***367267-13-8P***

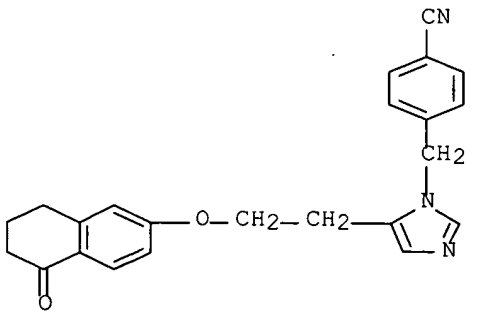
367267-15-0P 367267-16-1P, 5-Benzyl-6-[2-(3-benzyl-3H-imidazol-4-yl)ethoxy]-3,4-dihydro-2H-naphthalene-1-one ***367267-17-2P***, 6-[2-(3-Benzyl-3H-imidazol-4-yl)ethoxy]-5-phenylamino-3,4-dihydro-2H-naphthalene-1-one ***367267-19-4P*** ***367267-20-7P***, 6-[2-(3-Benzyl-3H-imidazol-4-yl)ethoxy]-5-isopropoxymethyl-3,4-dihydro-2H-naphthalene-1-one ***367267-23-0P*** ***367267-24-1P***, 6-[2-(3-Benzyl-3H-imidazol-4-yl)-1-phenylethoxy]-3,4-dihydro-2H-naphthalene-1-one ***367267-25-2P***, 4-[[3-[2-(5-Oxo-5,6,7,8-tetrahydronaphthalen-2-yloxy)ethyl]-3H-imidazol-4-yl]methyl]benzonitrile ***367267-26-3P***, 6-[2-(5-Benzylimidazol-1-yl)ethoxy]-5-propyl-3,4-dihydro-2H-naphthalene-1-one ***367267-27-4P*** , 6-[2-(5-Benzylimidazol-1-yl)ethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalene-1-one ***367267-28-5P***, 4-[[3-[2-(5-Oxo-1-phenethyl-5,6,7,8-tetrahydronaphthalen-2-yloxy)ethyl]-3H-imidazol-4-yl]methyl]benzonitrile ***367267-30-9P 367267-31-0P***, 6-[2-(5-Benzylimidazol-1-yl)ethoxy]-5-phenylaminomethyl-3,4-dihydro-2H-naphthalene-1-one ***367267-32-1P***, 5-Benzyl-6-[2-(5-benzylimidazol-1-yl)ethoxy]-3,4-dihydro-2H-naphthalene-1-one ***367267-33-2P***, 6-[2-(5-Benzylimidazol-1-yl)ethoxy]-5-phenylamino-3,4-dihydro-2H-naphthalene-1-one ***367267-35-4P***, N-[2-[2-(5-Benzylimidazol-1-yl)ethoxy]-5-oxo-5,6,7,8-tetrahydronaphthalene-1-yl]benzamide ***367267-36-5P***, 6-[2-[3-(4-Methoxy-3-methylbenzyl)-3H-imidazol-4-yl]ethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalene-1-one ***367267-37-6P***, 6-[2-[3-(4-Methoxy-3-methylbenzyl)-3H-imidazol-4-yl]ethoxy]-3,4-dihydro-2H-naphthalen-1-one ***367267-38-7P***, 6-[2-(3-Benzyl-3H-imidazol-4-yl)ethoxy]-5-propyl-3,4-dihydro-2H-naphthalen-1-one ***367267-39-8P***, 6-[2-(3-Benzyl-3H-imidazol-4-yl)ethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one ***367267-40-1P***, 6-[2-(5-Benzyl-3H-imidazol-1-yl)ethoxy]-5-(2-pyridin-2-ylethyl)-3,4-dihydro-2H-naphthalene-1-one ***367267-41-2P***, 6-[2-[3-(4-Methoxy-3-methylbenzyl)-3H-imidazol-4-yl]ethoxy]-5-(2-pyridin-2-ylethyl)-3,4-dihydro-2H-naphthalene-1-one ***367267-42-3P 367267-43-4P*** ***367267-44-5P 367267-45-6P 367267-60-5P*** ***367267-62-7P 374603-06-2P***

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses).

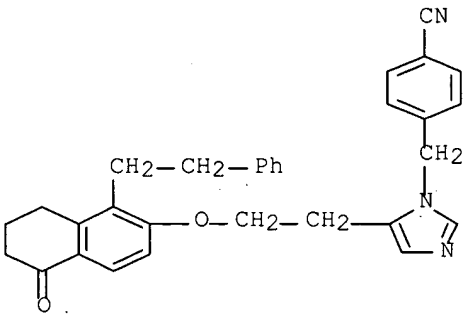
(preparation and formulation of imidazolyl-substituted dihydronaphthalenones as Ras farnesyl transferase inhibitors for treatment of proliferative diseases)

RN 367267-10-5 HCAPLUS

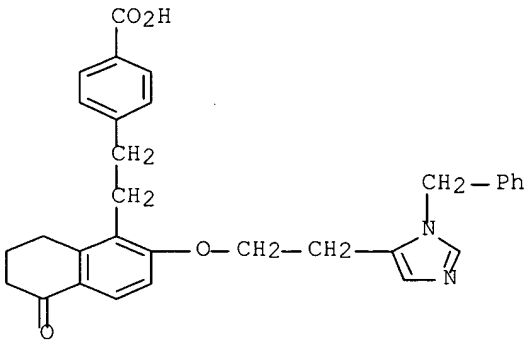
CN Benzonitrile, 4-[[5-[2-[(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)oxy]ethyl]-1H-imidazol-1-yl]methyl]- (9CI) (CA INDEX NAME)



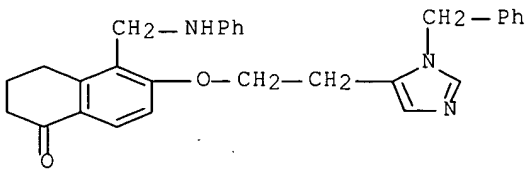
RN 367267-11-6 HCAPLUS
CN Benzonitrile, 4-[[5-[2-[[5,6,7,8-tetrahydro-5-oxo-1-(2-phenylethyl)-2-naphthalenyl]oxy]ethyl]-1H-imidazol-1-yl]methyl]- (9CI) (CA INDEX NAME)



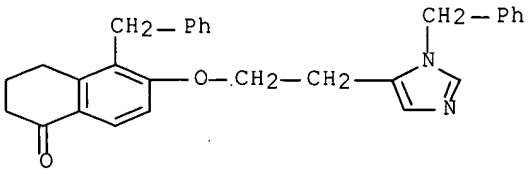
RN 367267-13-8 HCAPLUS
CN Benzoic acid, 4-[2-[5,6,7,8-tetrahydro-5-oxo-2-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-1-naphthalenyl]ethyl]- (9CI) (CA INDEX NAME)



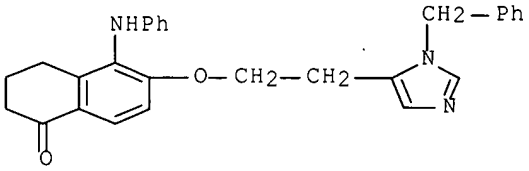
RN 367267-15-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-[(phenylamino)methyl]-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



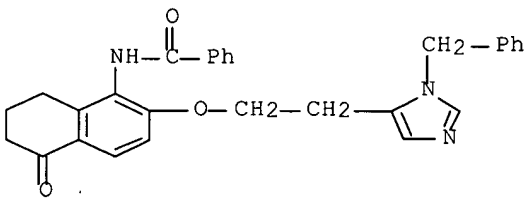
RN 367267-16-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(phenylmethyl)-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



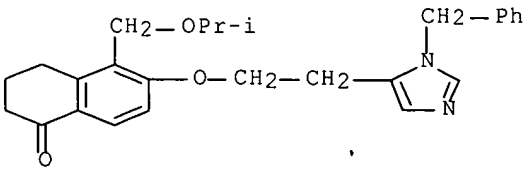
RN 367267-17-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(phenylamino)-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



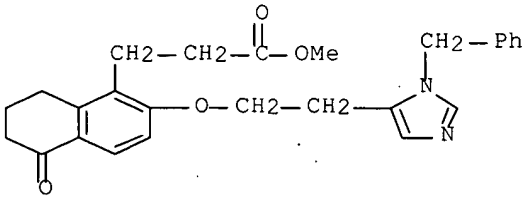
RN 367267-19-4 HCAPLUS
CN Benzamide, N-[5,6,7,8-tetrahydro-5-oxo-2-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 367267-20-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-[(1-methylethoxy)methyl]-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



RN 367267-23-0 HCAPLUS
CN 1-Naphthalenepropanoic acid, 5,6,7,8-tetrahydro-5-oxo-2-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 367267-24-1 HCAPLUS
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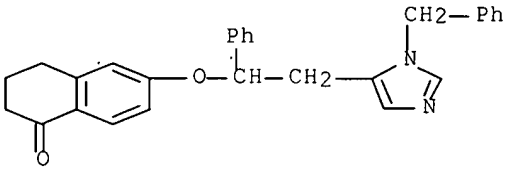
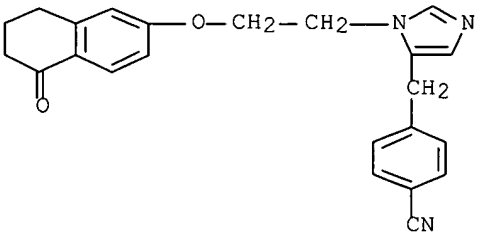
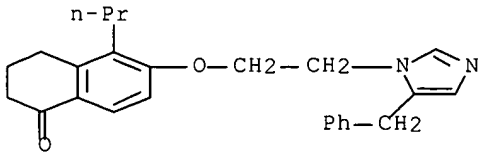


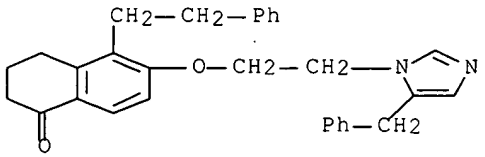
RN 367267-25-2 HCAPLUS
CN Benzonitrile, 4-[[1-[2-[(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)oxy]ethyl]-1H-imidazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



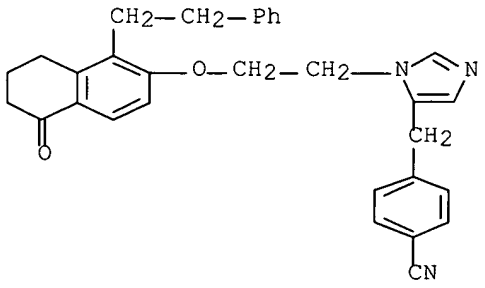
RN 367267-26-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]-5-propyl- (9CI) (CA INDEX NAME)



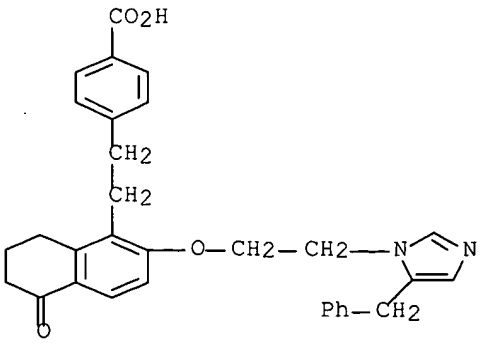
RN 367267-27-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(2-phenylethyl)-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



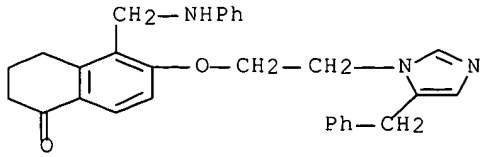
RN 367267-28-5 HCAPLUS
CN Benzonitrile, 4-[[1-[2-[[5,6,7,8-tetrahydro-5-oxo-1-(2-phenylethyl)-2-naphthalenyl]oxy]ethyl]-1H-imidazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



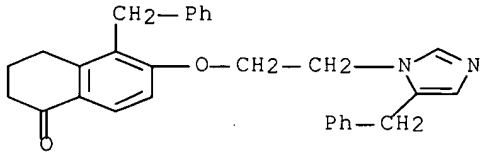
RN 367267-30-9 HCAPLUS
CN Benzoic acid, 4-[2-[5,6,7,8-tetrahydro-5-oxo-2-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]-1-naphthalenyl]ethyl]- (9CI) (CA INDEX NAME)



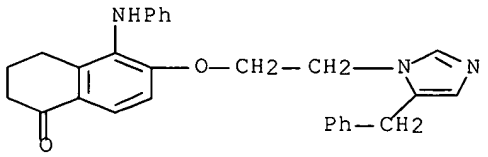
RN 367267-31-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-[(phenylamino)methyl]-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



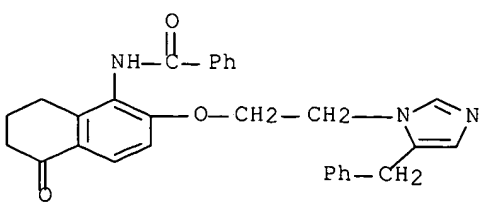
RN 367267-32-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(phenylmethyl)-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



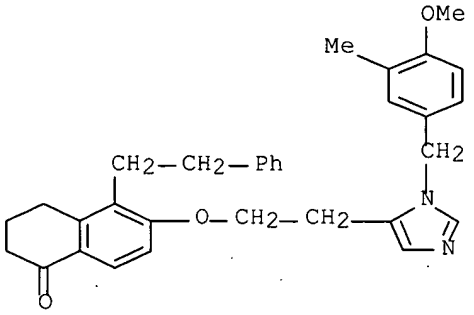
RN 367267-33-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(phenylamino)-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



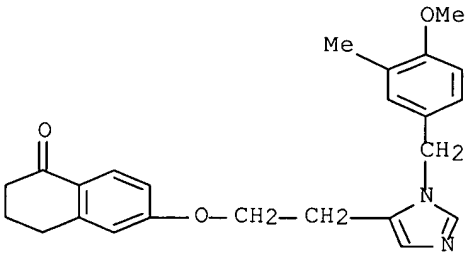
RN 367267-35-4 HCAPLUS
CN Benzamide, N-[5,6,7,8-tetrahydro-5-oxo-2-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



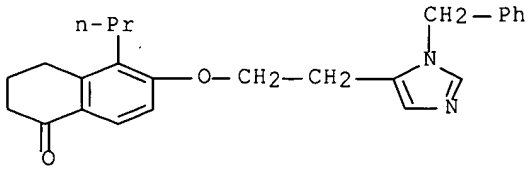
RN 367267-36-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 367267-37-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)

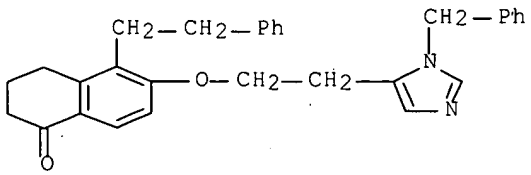


RN 367267-38-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-5-propyl- (9CI) (CA INDEX NAME)

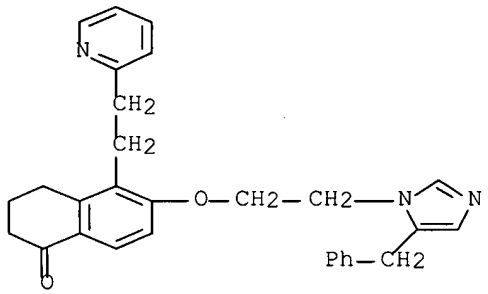


RN 367267-39-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(2-phenylethyl)-6-[2-[1-(phenylmethyl)-

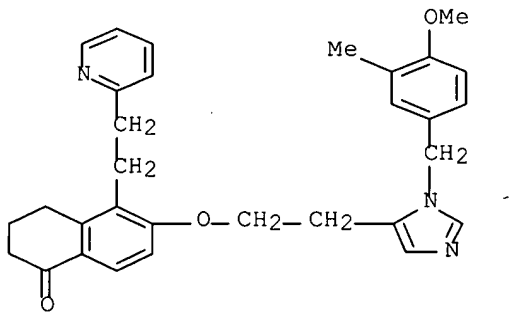
1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



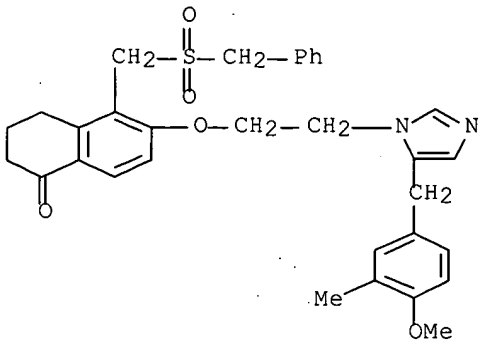
RN 367267-40-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[5-(phenylmethyl)-1H-imidazol-1-yl]ethoxy]-5-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



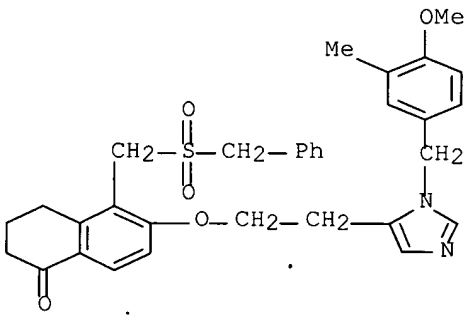
RN 367267-41-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]-5-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



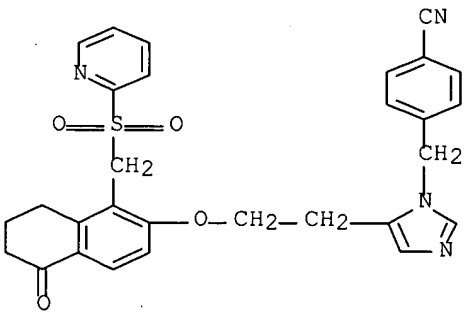
RN 367267-42-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[5-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-1-yl]ethoxy]-5-[[(phenylmethyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)



RN 367267-43-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]-5-[[(phenylmethyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)

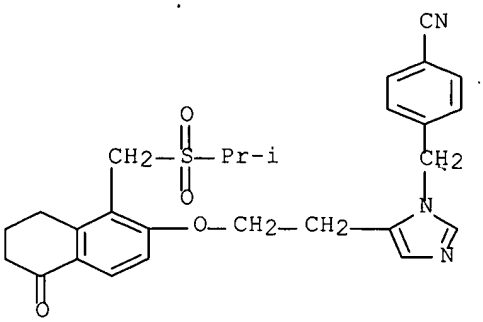


RN 367267-44-5 HCAPLUS
CN Benzonitrile, 4-[[5-[2-[[5,6,7,8-tetrahydro-5-oxo-1-[(2-pyridinylsulfonyl)methyl]-2-naphthalenyl]oxy]ethyl]-1H-imidazol-1-yl]methyl]- (9CI) (CA INDEX NAME)



RN 367267-45-6 HCAPLUS
CN Benzonitrile, 4-[[5-[2-[[5,6,7,8-tetrahydro-1-[[(1-methylethyl)sulfonyl]methyl]-5-oxo-2-naphthalenyl]oxy]ethyl]-1H-imidazol-1-

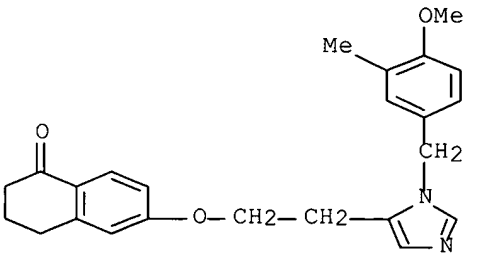
yl]methyl]- (9CI) (CA INDEX NAME)



RN 367267-60-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]-, trifluoroacetate (4:5) (9CI) (CA INDEX NAME)

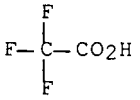
CM 1

CRN 367267-37-6
CMF C24 H26 N2 O3



CM 2

CRN 76-05-1
CMF C2 H F3 O2

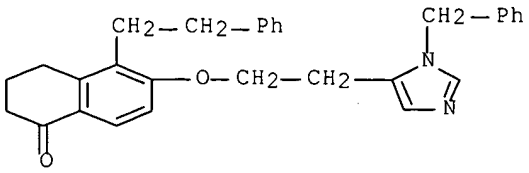


RN 367267-62-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(2-phenylethyl)-6-[2-[1-(phenylmethyl)-

1H-imidazol-5-yl]ethoxy]-, trifluoroacetate (9CI) (CA INDEX NAME)

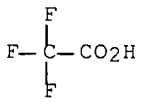
CM 1

CRN 367267-39-8
CMF C30 H30 N2 O2



CM 2

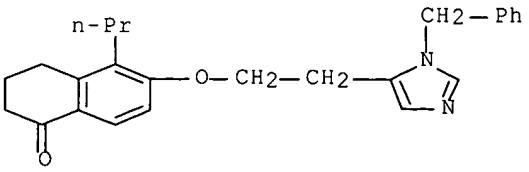
CRN 76-05-1
CMF C2 H F3 O2



RN 374603-06-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-5-propyl-, trifluoroacetate (9CI) (CA INDEX NAME)

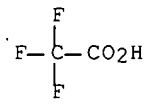
CM 1

CRN 367267-38-7
CMF C25 H28 N2 O2



CM 2

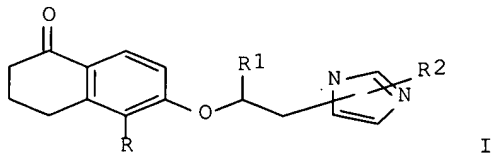
CRN 76-05-1
CMF C2 H F3 O2



L40 ANSWER 4 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4
ACCESSION NUMBER: 2001:906214 HCAPLUS Full-text
DOCUMENT NUMBER: 136:31714
TITLE: Method for treating Alzheimer's disease
INVENTOR(S): Ahn, Kyunghye; Emmerling, Mark Richard; Haske, Taraneh; Hupe, Donald J.; Sebolt-Leopold, Judith; Levine, Harry; Scholten, Jeffrey David
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2001051642	A1	20011213	US 2001-771529		20010129
US 2004063770	A1	20040401	US 2003-671385		20030926
PRIORITY APPLN. INFO.:			US 2000-197484P	P	20000417
			US 2001-771529	B1	20010129

GI

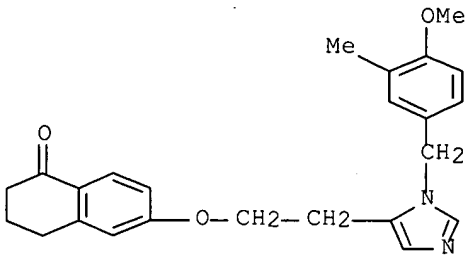


I

AB The present invention provides methods and compns. for inhibiting Aβ (β-amyloid peptide) synthesis and for treating Alzheimer's disease by administering a farnesyl transferase inhibitor of the formula I: wherein R is hydrogen, alkyl, and substituted alkyl; R1 is hydrogen, Ph, or substituted phenyl; and R2 is hydrogen or benzyl.

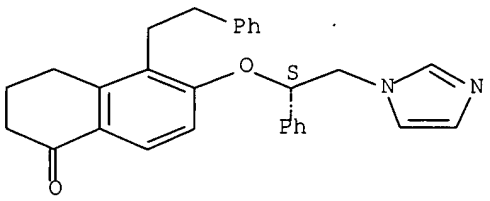
IT ***367267-37-6P 368879-97-4P***
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(method for treating Alzheimer's disease by inhibiting β-amyloid peptide synthesis using farnesyl transferase inhibitors such as dihydronaphthalenones)

RN 367267-37-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-[1-[(4-methoxy-3-methylphenyl)methyl]-1H-imidazol-5-yl]ethoxy]- (9CI) (CA INDEX NAME)



RN 368879-97-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-(2-phenylethyl)- (9CI) (CA INDEX NAME)

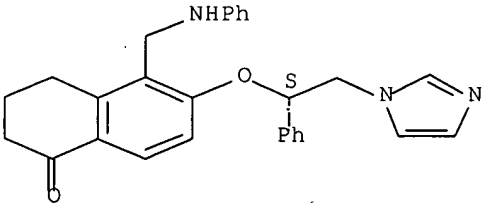
Absolute stereochemistry.



IT *368879-84-9 368880-01-7 368880-02-8*
368880-05-1 368880-96-0 368883-11-8
368883-77-6 379683-37-1 379683-38-2
379683-39-3 379683-40-6 379683-44-0
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(method for treating Alzheimer's disease by inhibiting β-amyloid peptide synthesis using farnesyl transferase inhibitors such as dihydronaphthalenones)

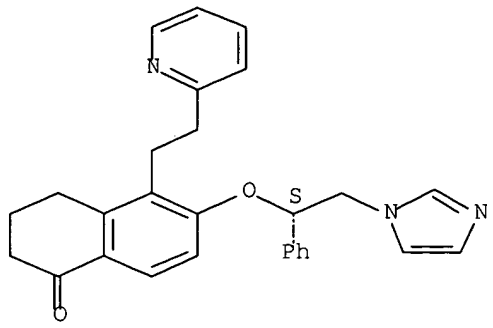
RN 368879-84-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylamino)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



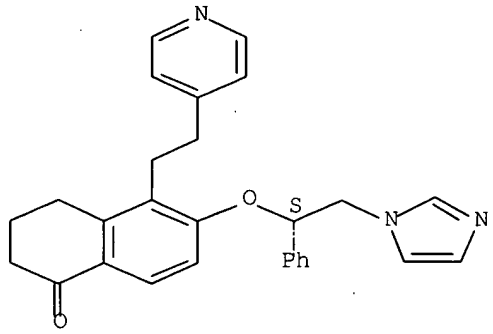
RN 368880-01-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



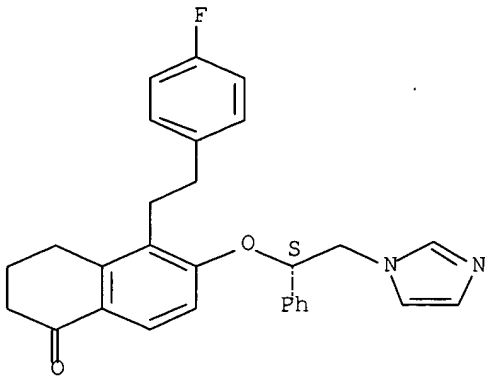
RN 368880-02-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



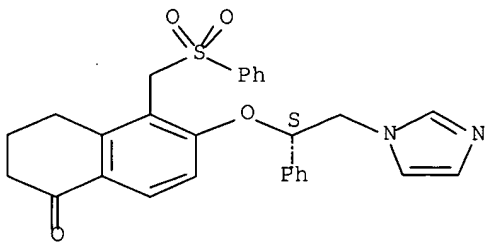
RN 368880-05-1 HCAPLUS
CN 1(2H)-Naphthalenone, 5-[2-(4-fluorophenyl)ethyl]-3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



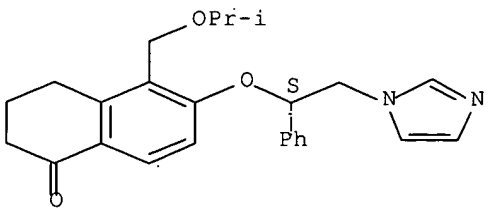
RN 368880-96-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

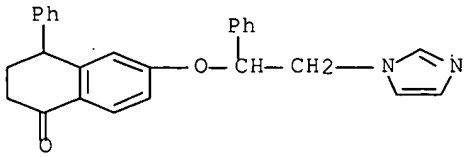


RN 368883-11-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1S)-2-(1H-imidazol-1-yl)-1-phenylethoxy]-5-[(1-methylethoxy)methyl]- (9CI) (CA INDEX NAME)

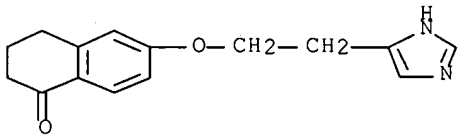
Absolute stereochemistry.



RN 368883-77-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-4-phenyl- (9CI) (CA INDEX NAME)

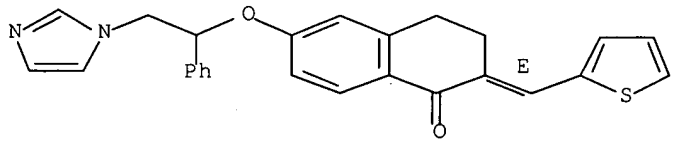


RN 379683-37-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]- (9CI) (CA INDEX NAME)

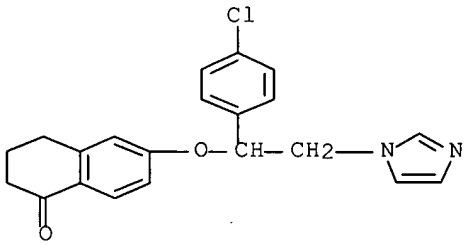


RN 379683-38-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-2-(2-thienylmethylene)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

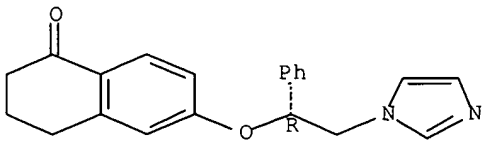


RN 379683-39-3 HCAPLUS
CN 1(2H)-Naphthalenone, 6-[1-(4-chlorophenyl)-2-(1H-imidazol-1-yl)ethoxy]-3,4-dihydro- (9CI) (CA INDEX NAME)



RN 379683-40-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1R)-2-(1H-imidazol-1-yl)-1-phenylethoxy]- (9CI) (CA INDEX NAME)

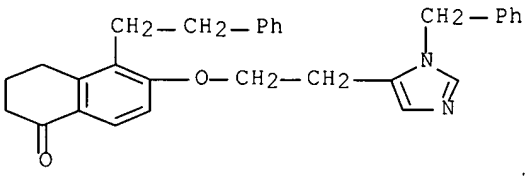
Absolute stereochemistry.



RN 379683-44-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-5-(2-phenylethyl)-6-[2-[1-(phenylmethyl)-1H-imidazol-5-yl]ethoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

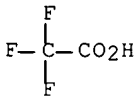
CM 1

CRN 367267-39-8
CMF C30 H30 N2 O2



CM 2

CRN 76-05-1
CMF C2 H F3 O2



L40 ANSWER 5 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 5
ACCESSION NUMBER: 1998:550412 HCAPLUS Full-text
DOCUMENT NUMBER: 129:175640
TITLE: Preparation of 6-(2-imidazol-1-ylethoxy)naphthalen-1-ones as inhibitors of protein farnesyl transferase
INVENTOR(S): Dobrusin, Ellen M.; Doherty, Annette Marian; Mcnamara, Dennis Joseph; Bikker, Jack; Drowns, Matthew; Stasiak, Marcin; Kaltenbronn, James Stanley; Quin, John, III; Repine, Joseph Thomas
PATENT ASSIGNEE(S): Warner-Lambert Company, USA

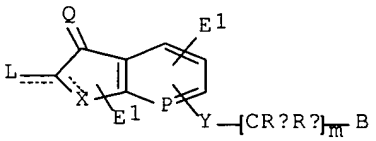
SOURCE: PCT Int. Appl., 128 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9834921	A1	19980813	WO 1998-US3025	19980211
W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
ZA 9801080	A	19980812	ZA 1998-1080	19980210
CA 2273895	A1	19980813	CA 1998-2273895	19980211
AU 9861704	A	19980826	AU 1998-61704	19980211
AU 725696	B2	20001019		
EP 966446	A1	19991229	EP 1998-906491	19980211
EP 966446	B1	20051019		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9807674	A	20000215	BR 1998-7674	19980211
NZ 336134	A	20010831	NZ 1998-336134	19980211
JP 2001518076	T	20011009	JP 1998-535105	19980211
AT 307119	T	20051115	AT 1998-906491	19980211
ES 2252827	T3	20060516	ES 1998-906491	19980211
US 6133303	A	20001017	US 1999-355662	19990802
US 6265422	B1	20010724	US 2000-560606	20000428
US 2002006936	A1	20020117	US 2001-910967	20010723
US 6528535	B2	20030304		

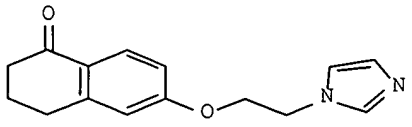
PRIORITY APPLN. INFO.:
US 1997-37504P P 19970211
WO 1998-US3025 W 19980211
US 1999-355662 A3 19990802
US 2000-560606 A3 20000428

OTHER SOURCE(S): MARPAT 129:175640

GI



I



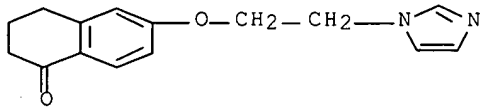
II

AB The title compds. [I; Q = O, NOH, NNH2, etc.; L = H, A1CH:CHCH:CH, A1(CH2)nCH(Z), A1(CH2)nC(Z):; A1 = (un)substituted aryl, heteroaryl, etc.; n = 0-5; Z = H, NH2, OH, etc.; X = CH2, CH2O, CH2S, etc.; P = N, CH, etc.; Y = CH2, NH, O, etc.; Ra, Rb = H, C1-6 alkyl, C2-6 alkenyl, etc.; CRaRb = C3-6 cycloalkyl; m = 0, 2-5; B = (un)substituted pyrrolyl, imidazolyl, oxazolyl, etc.; E1 = H, halo, NO2, etc.], useful for treating cancer and treating or preventing restenosis or atherosclerosis, were prepared Thus, treatment of

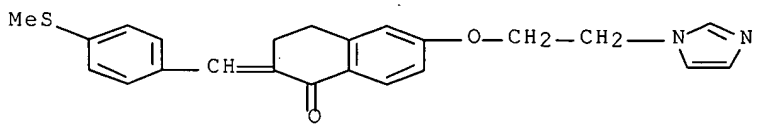
imidazole with NaH in DMF followed by the addition of 6-(β-chloroethoxy)-1-tetralone in DMF afforded 67% II which showed IC50 of 2.0 μM against FTase.

IT ***211502-23-7P 211502-26-0P 211502-27-1P 211502-50-0P 211502-74-8P 211503-23-0P 211503-24-1P***
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 6-(2-imidazol-1-ylethoxy)naphthalen-1-ones as inhibitors of protein farnesyl transferase)

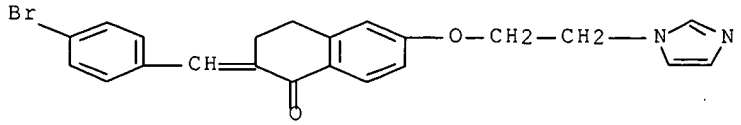
RN 211502-23-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



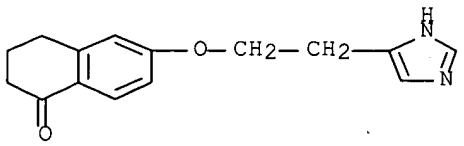
RN 211502-26-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[[4-(methylthio)phenyl]methylene]- (9CI) (CA INDEX NAME)



RN 211502-27-1 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-bromophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)

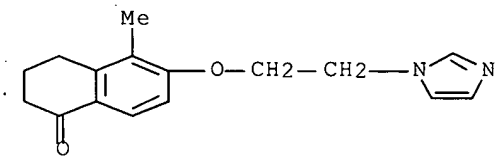


RN 211502-50-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



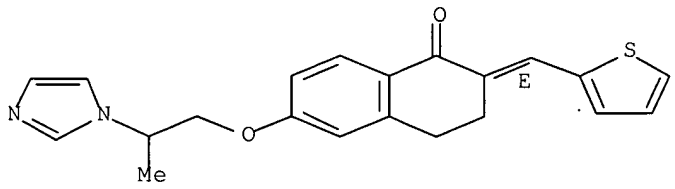
● HCl

RN 211502-74-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-5-methyl-(9CI) (CA INDEX NAME)

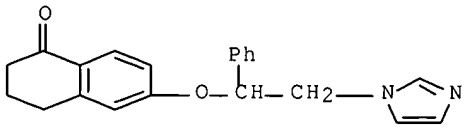


RN 211503-23-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)propoxy]-2-(2-thienylmethylene)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



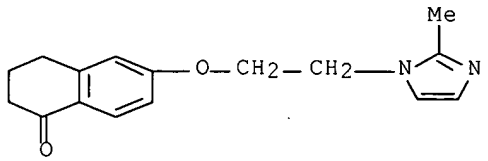
RN 211503-24-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-(9CI) (CA INDEX NAME)



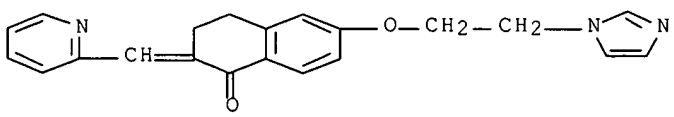
IT *211502-24-8P 211502-25-9P 211502-28-2P*
211502-29-3P 211502-30-6P 211502-31-7P
211502-32-8P 211502-33-9P 211502-34-0P

211502-35-1P 211502-36-2P 211502-38-4P
211502-39-5P 211502-40-8P 211502-41-9P
211502-42-0P 211502-43-1P 211502-44-2P
211502-45-3P 211502-46-4P 211502-47-5P
211502-48-6P 211502-49-7P 211502-51-1P
211502-52-2P 211502-53-3P 211502-54-4P
211502-55-5P 211502-56-6P 211502-57-7P
211502-60-2P 211502-61-3P 211502-62-4P
211502-65-7P 211502-66-8P 211502-67-9P
211502-68-0P 211502-69-1P 211502-70-4P
211502-71-5P 211502-72-6P 211502-73-7P
211502-75-9P 211502-86-2P 211502-89-5P
211502-91-9P 211502-93-1P 211502-95-3P
211502-97-5P 211502-99-7P 211503-01-4P
211503-03-6P 211503-05-8P 211503-07-0P
211503-09-2P 211503-11-6P 211503-12-7P
211503-13-8P 211503-14-9P 211503-16-1P
211503-17-2P 211503-18-3P 211503-20-7P
211503-22-9P 211503-25-2P 211503-30-9P
211503-33-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 6-(2-imidazol-1-ylethoxy)naphthalen-1-ones as inhibitors of protein farnesyl transferase)

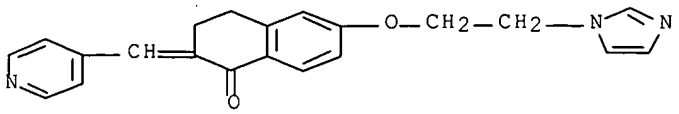
RN 211502-24-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(2-methyl-1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



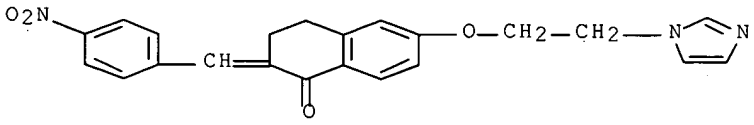
RN 211502-25-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



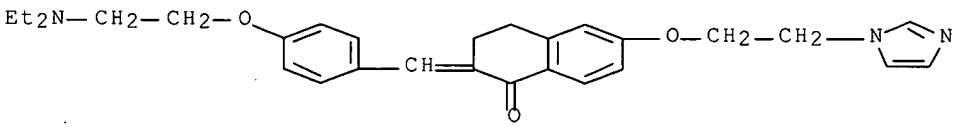
RN 211502-28-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



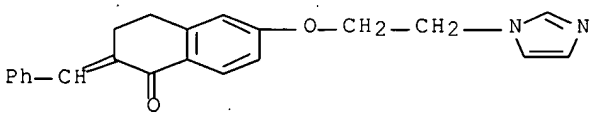
RN 211502-29-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(4-nitrophenyl)methylene]- (9CI). (CA INDEX NAME)



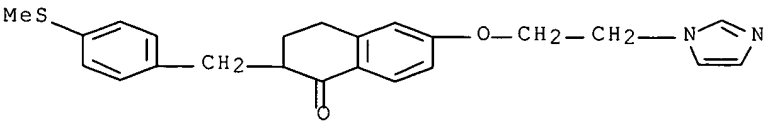
RN 211502-30-6 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[[4-[2-(diethylamino)ethoxy]phenyl]methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



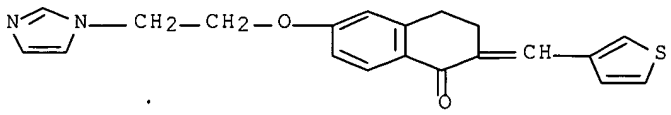
RN 211502-31-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(phenylmethylene)- (9CI) (CA INDEX NAME)



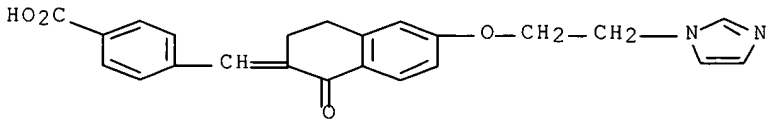
RN 211502-32-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[[4-(methylthio)phenyl]methyl]- (9CI) (CA INDEX NAME)



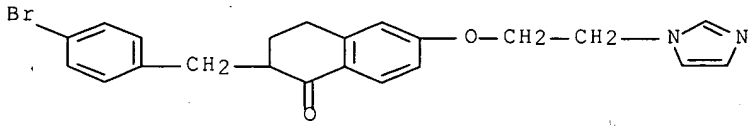
RN 211502-33-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(3-thienylmethylene)- (9CI) (CA INDEX NAME)



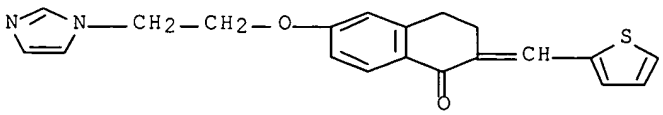
RN 211502-34-0 HCAPLUS
CN Benzoic acid, 4-[[3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-1-oxo-2(1H)-naphthalenylidene]methyl]- (9CI) (CA INDEX NAME)



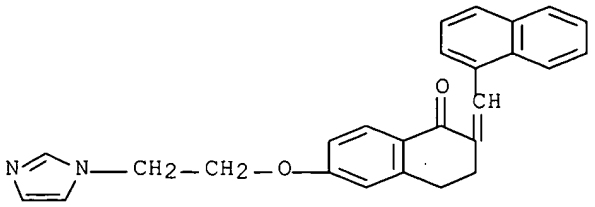
RN 211502-35-1 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-bromophenyl)methyl]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



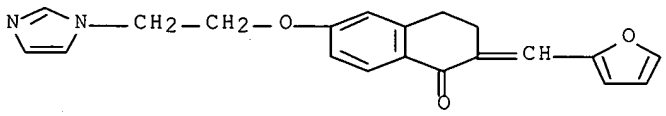
RN 211502-36-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(2-thienylmethylene)- (9CI) (CA INDEX NAME)



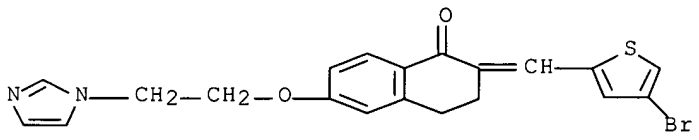
RN 211502-38-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-(1-naphthalenylmethylene)- (9CI) (CA INDEX NAME)



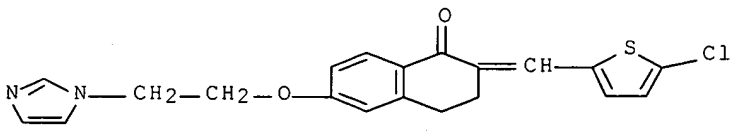
RN 211502-39-5 HCAPLUS
CN 1(2H)-Naphthalenone, 2-(2-furanylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



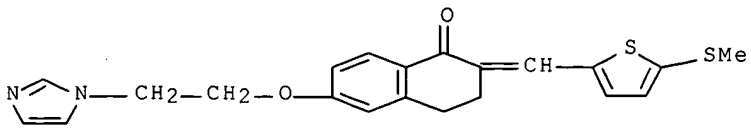
RN 211502-40-8 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-bromo-2-thienyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



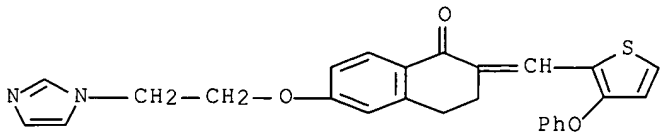
RN 211502-41-9 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(5-chloro-2-thienyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



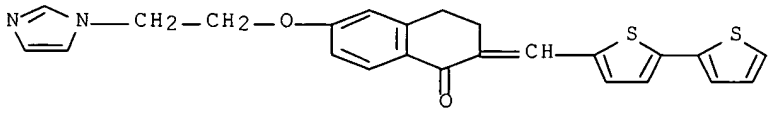
RN 211502-42-0 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[[5-(methylthio)-2-thienyl]methylene]- (9CI) (CA INDEX NAME)



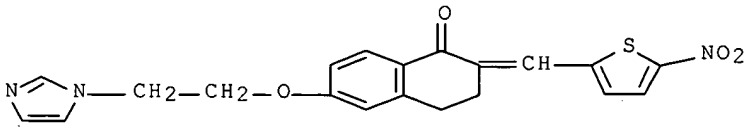
RN 211502-43-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(3-phenoxy-2-thienyl)methylene]- (9CI) (CA INDEX NAME)



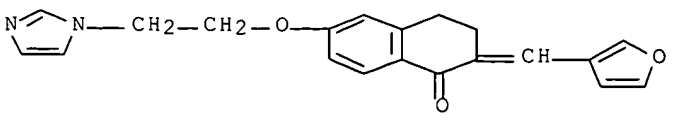
RN 211502-44-2 HCAPLUS
CN 1(2H)-Naphthalenone, 2-([2,2'-bithiophen]-5-ylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



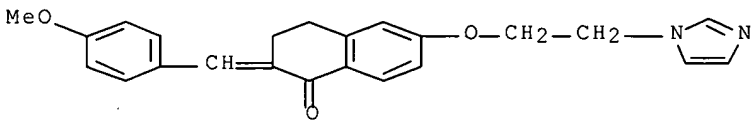
RN 211502-45-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(5-nitro-2-thienyl)methylene]- (9CI) (CA INDEX NAME)



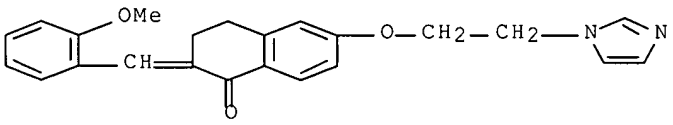
RN 211502-46-4 HCAPLUS
CN 1(2H)-Naphthalenone, 2-(3-furanylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



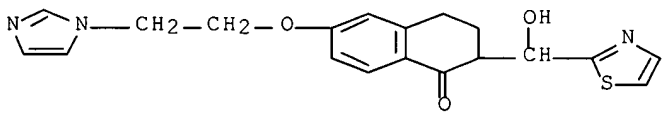
RN 211502-47-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(4-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



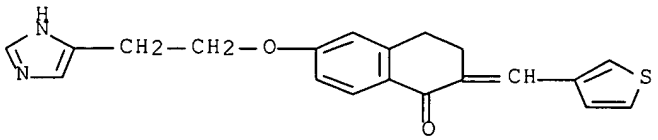
RN 211502-48-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(2-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



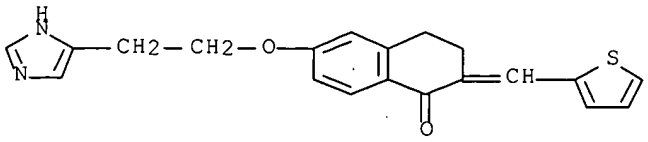
RN 211502-49-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-2-(hydroxy-2-thiazolylmethyl)-6-[2-(1H-imidazol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



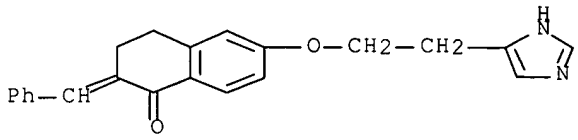
RN 211502-51-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-(3-thienylmethylene)- (9CI) (CA INDEX NAME)



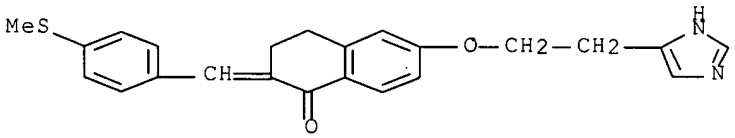
RN 211502-52-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-(2-thienylmethylene)- (9CI) (CA INDEX NAME)



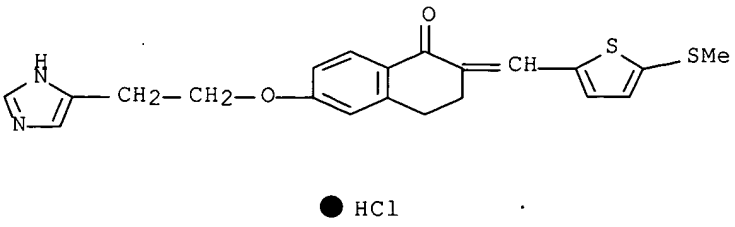
RN 211502-53-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-(phenylmethylene)- (9CI) (CA INDEX NAME)



RN 211502-54-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-[[4-(methylthio)phenyl]methylene]- (9CI) (CA INDEX NAME)

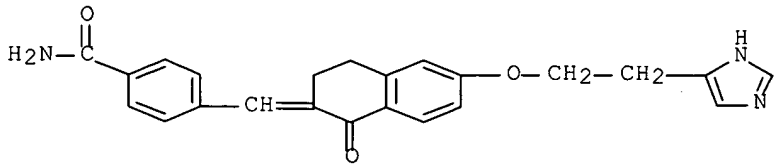


RN 211502-55-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-[[5-(methylthio)-2-thienyl]methylene]-, monohydrochloride (9CI) (CA INDEX NAME)



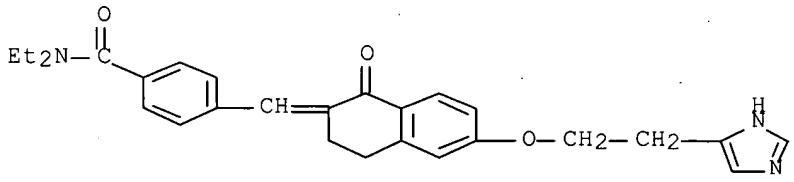
RN 211502-56-6 HCAPLUS
CN Benzamide, 4-[[3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-1-oxo-2(1H)-

naphthalenylidene]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 211502-57-7 HCAPLUS
CN Benzamide, 4-[[3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-1-oxo-2(1H)-naphthalenylidene]methyl]-N,N-diethyl-, monohydrochloride (9CI) (CA INDEX NAME)

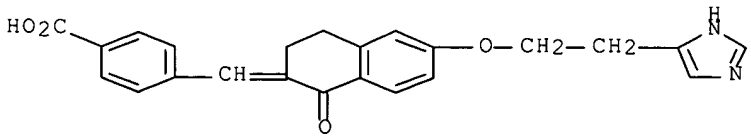


● HCl

RN 211502-60-2 HCAPLUS
CN Benzoic acid, 4-[[3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-1-oxo-2(1H)-naphthalenylidene]methyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

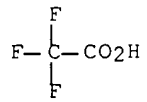
CM 1

CRN 211502-59-9
CMF C23 H20 N2 O4

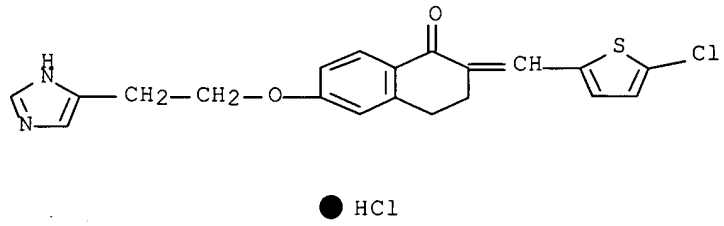


CM 2

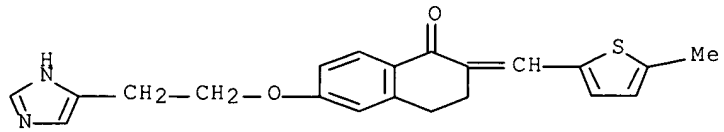
CRN 76-05-1
CMF C2 H F3 O2



RN 211502-61-3 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(5-chloro-2-thienyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



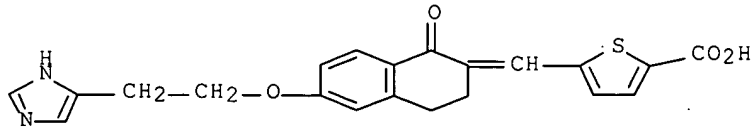
RN 211502-62-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-[(5-methyl-2-thienyl)methylene]- (9CI) (CA INDEX NAME)



RN 211502-65-7 HCAPLUS
CN 2-Thiophenecarboxylic acid, 5-[[3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-1-oxo-2(1H)-naphthalenylidene]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

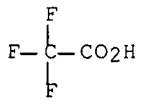
CM 1

CRN 211502-64-6
CMF C21 H18 N2 O4 S

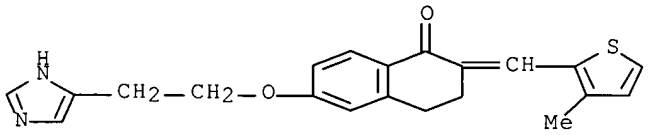


CM 2

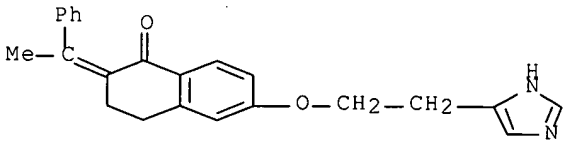
CRN 76-05-1
CMF C2 H F3 O2



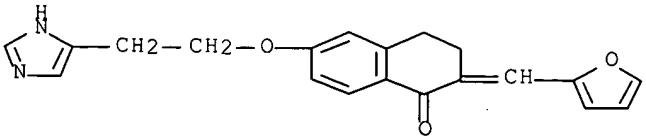
RN 211502-66-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-[(3-methyl-2-thienyl)methylene]- (9CI) (CA INDEX NAME)



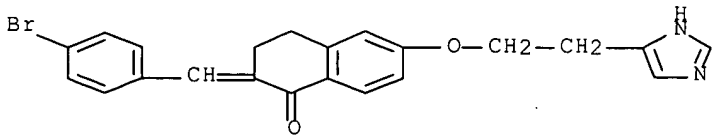
RN 211502-67-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-(1-phenylethylidene)- (9CI) (CA INDEX NAME)



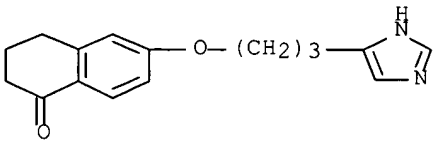
RN 211502-68-0 HCAPLUS
CN 1(2H)-Naphthalenone, 2-(2-furanylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]- (9CI) (CA INDEX NAME)



RN 211502-69-1 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-bromophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]- (9CI) (CA INDEX NAME)



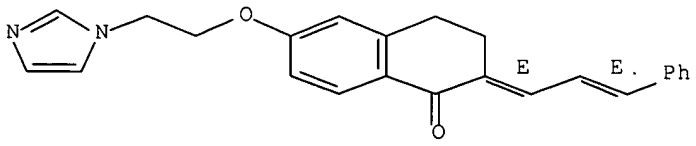
RN 211502-70-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(1H-imidazol-4-yl)propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

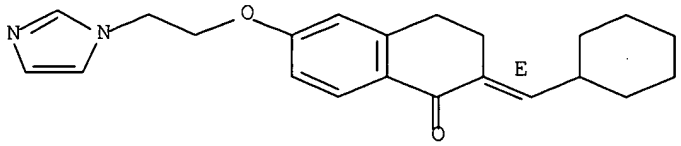
RN 211502-71-5 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(2E)-3-phenyl-2-propenylidene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 211502-72-6 HCAPLUS
CN 1(2H)-Naphthalenone, 2-(cyclohexylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, monohydrochloride, (2E)- (9CI) (CA INDEX NAME)

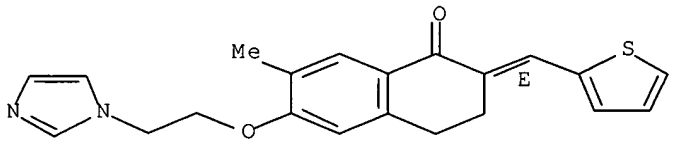
Double bond geometry as shown.



● HCl

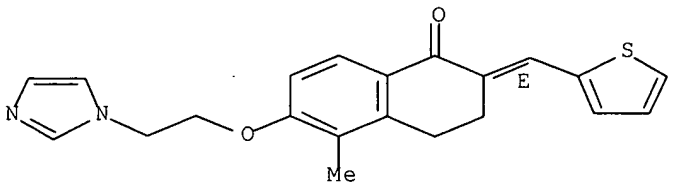
RN 211502-73-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-7-methyl-2-(2-thienylmethylene)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



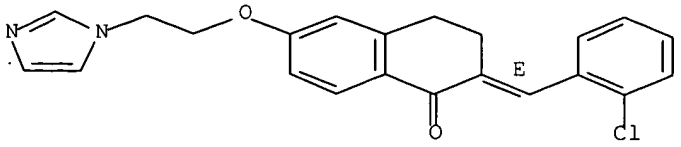
RN 211502-75-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-5-methyl-2-(2-thienylmethylene)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



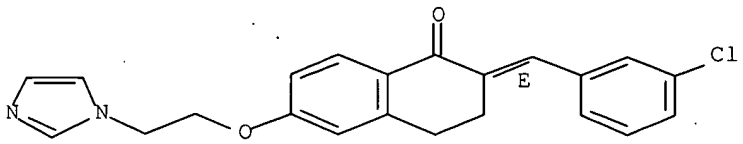
RN 211502-86-2 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(2-chlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



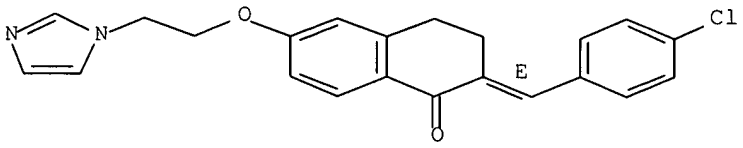
RN 211502-89-5 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(3-chlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



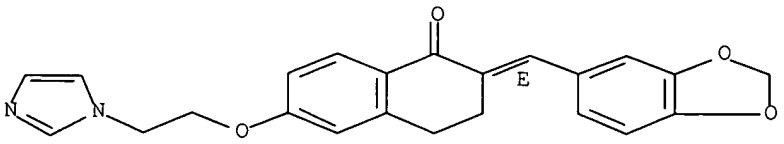
RN 211502-91-9 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-chlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



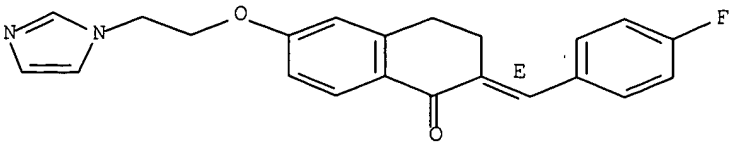
RN 211502-93-1 HCAPLUS
CN 1(2H)-Naphthalenone, 2-(1,3-benzodioxol-5-ylmethylene)-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



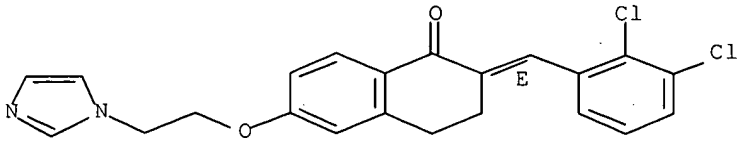
RN 211502-95-3 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(4-fluorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



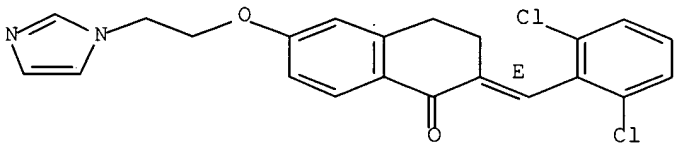
RN 211502-97-5 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(2,3-dichlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



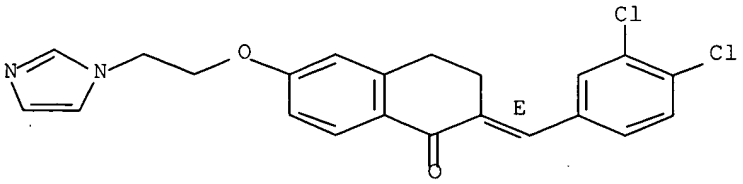
RN 211502-99-7 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(2,6-dichlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



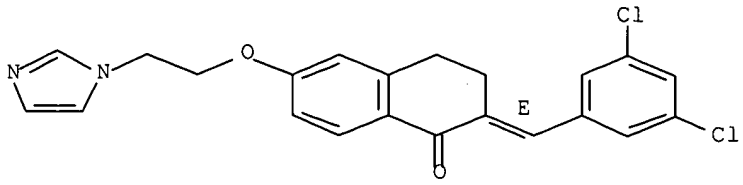
RN 211503-01-4 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(3,4-dichlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



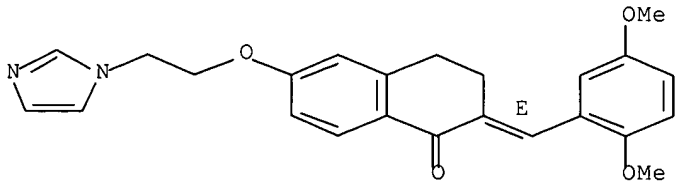
RN 211503-03-6 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(3,5-dichlorophenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



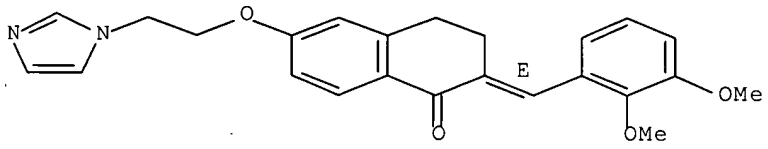
RN 211503-05-8 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(2,5-dimethoxyphenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



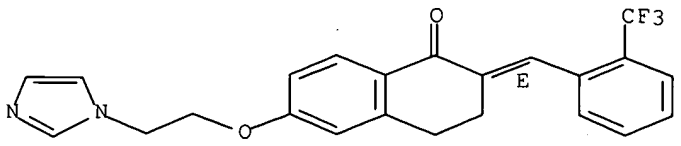
RN 211503-07-0 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[(2,3-dimethoxyphenyl)methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 211503-09-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[[2-(trifluoromethyl)phenyl]methylene]-, (2E)- (9CI) (CA INDEX NAME)

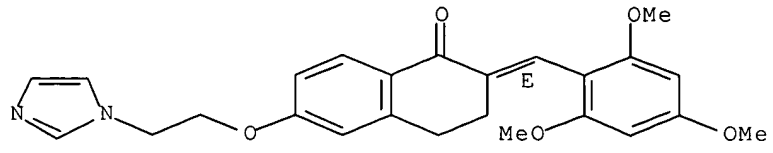
Double bond geometry as shown.



RN 211503-11-6 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(2,4,6-

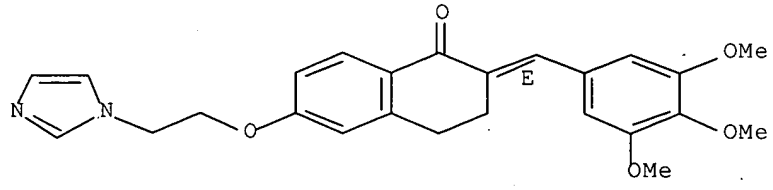
trimethoxyphenyl)methylene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



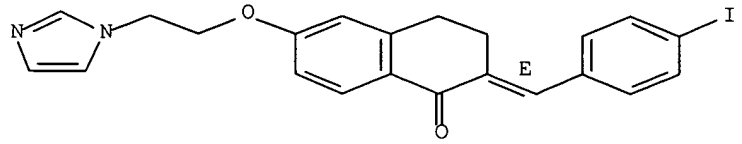
RN 211503-12-7 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(3,4,5-trimethoxyphenyl)methylene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



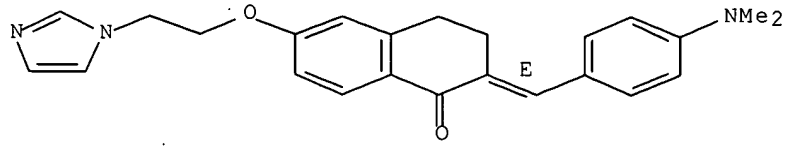
RN 211503-13-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(4-iodophenyl)methylene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



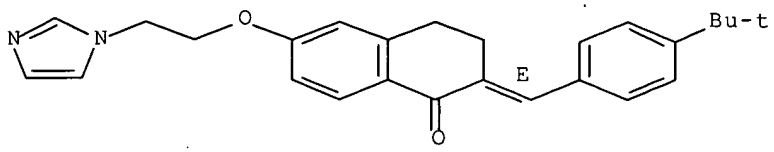
RN 211503-14-9 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[[4-(dimethylamino)phenyl]methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



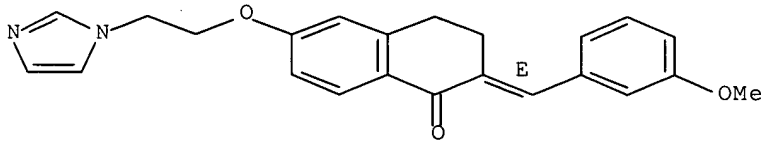
RN 211503-16-1 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[[4-(1,1-dimethylethyl)phenyl]methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



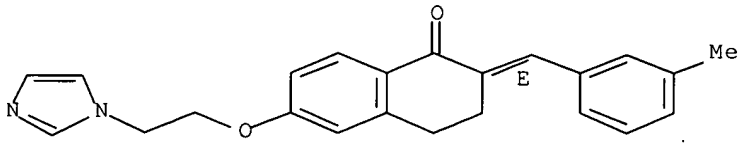
RN 211503-17-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(3-methoxyphenyl)methylene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 211503-18-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-2-[(3-methylphenyl)methylene]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

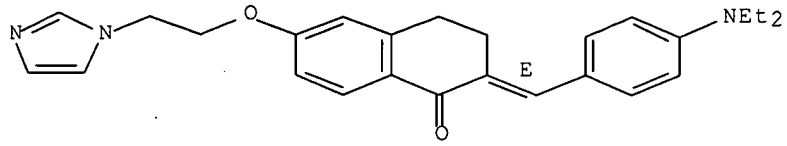


RN 211503-20-7 HCAPLUS
CN 1(2H)-Naphthalenone, 2-[[4-(diethylamino)phenyl]methylene]-3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-, (2E)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

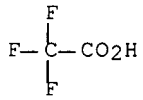
CRN 211503-19-4
CMF C26 H29 N3 O2

Double bond geometry as shown.

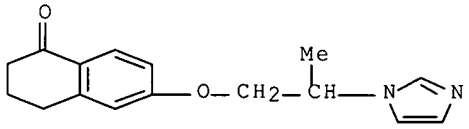


CM 2

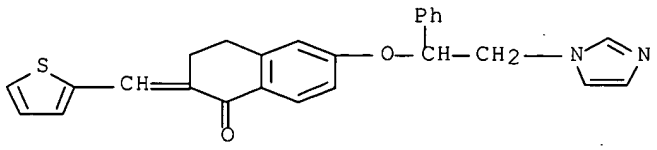
CRN 76-05-1
CMF C2 H F3 O2



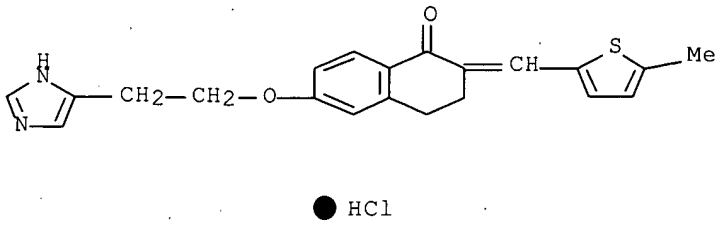
RN 211503-22-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)propoxy]- (9CI) (CA INDEX NAME)



RN 211503-25-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)-1-phenylethoxy]-2-(2-thienylmethylene)- (9CI) (CA INDEX NAME)

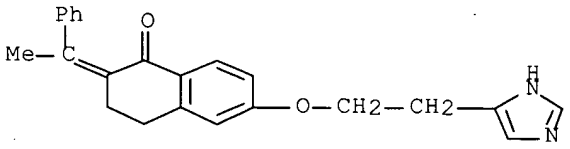


RN 211503-30-9 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-[(5-methyl-2-thienyl)methylene]-, monohydrochloride (9CI) (CA INDEX NAME)



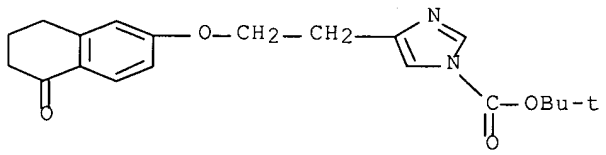
● HCl

RN 211503-33-2 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-4-yl)ethoxy]-2-(1-phenylethylidene)-, monohydrochloride (9CI) (CA INDEX NAME)

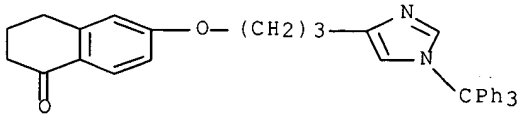


● HCl

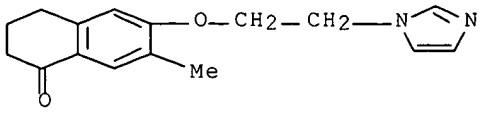
IT *211503-29-6P 211503-34-3P 211503-39-8P*
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 6-(2-imidazol-1-ylethoxy)naphthalen-1-ones as inhibitors of protein farnesyl transferase)
RN 211503-29-6 HCAPLUS
CN 1H-Imidazole-1-carboxylic acid, 4-[2-[(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)oxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 211503-34-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-[1-(triphenylmethyl)-1H-imidazol-4-yl]propoxy]- (9CI) (CA INDEX NAME)



RN 211503-39-8 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[2-(1H-imidazol-1-yl)ethoxy]-7-methyl- (9CI) (CA INDEX NAME)



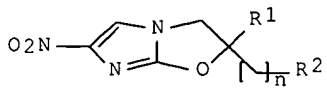
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 6 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:409528 HCAPLUS Full-text
DOCUMENT NUMBER: 142:463728
TITLE: Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis
INVENTOR(S): Tsubouchi, Hidetsugu; Sasaki, Hirofumi; Itotani, Motohiro; Haraguchi, Yoshikazu; Miyamura, Shin; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Kawasaki, Masanori; Ohguro, Kinue; Sumida, Takumi; Hasegawa, Takeshi; Tanaka, Kazuho; Takemura, Isao
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 941 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005042542	A1	20050512	WO 2004-JP16492	20041029
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004285811	A1	20050512	AU 2004-285811	20041029
CA 2539335	A1	20050512	CA 2004-2539335	20041029
EP 1678185	A1	20060712	EP 2004-793412	20041029
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004014909	A	20061107	BR 2004-14909	20041029
CN 1878777	A	20061213	CN 2004-80032244	20041029
JP 2005320316	A	20051117	JP 2004-318005	20041101
PRIORITY APPLN. INFO.:			JP 2003-373206 A	20031031

JP 2004-111720 A 20040406
WO 2004-JP16492 W 20041029

OTHER SOURCE(S): MARPAT 142:463728
GI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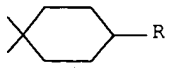

II

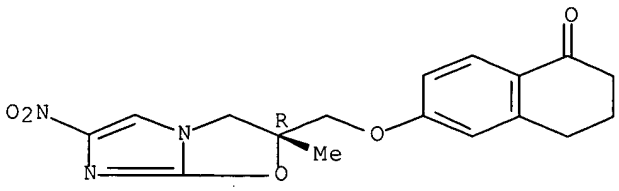
AB The title compds. I [R1 = H, alkyl; n = 0-6; R1 and (CH2)nR2, together with the adjacent carbon atom, may form a spiro ring represented by II (wherein R = substituted piperidyl); R2 = benzothiazolyloxy, quinolyloxy, pyridyloxy, etc.] which have an excellent bactericidal action against Mycobacterium tuberculosis, multi-drug-resistant Mycobacterium tuberculosis, and atypical acid-fast bacteria, were prepared and formulated. Thus, reacting (R)-2-chloro-1-(2-methyl-2-oxiranylmethyl)-4-nitro-1H- imidazole with 6-hydroxy-2-[4-(4-trifluoromethoxybenzyl)piperazin-1- yl]benzothiazole in the presence of NaH in DMF afforded 33% (R)-2-methyl-6-nitro-2-{2-[4-(4-trifluoromethoxybenzyl)piperazin-1- yl]benzothiazol-6-yloxymethyl}-2,3-dihydroimidazo[2,1-b]oxazole which showed MIC of 0.2 μg/mL in antibacterial test against M. tuberculosis Kurono in 7H11 medium.

IT ***851694-21-8P***
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis)

RN 851694-21-8 HCAPLUS

CN 1(2H)-Naphthalenone, 6-[[(2R)-2,3-dihydro-2-methyl-6-nitroimidazo[2,1-b]oxazol-2-yl]methoxy]-3,4-dihydro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

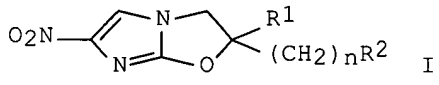
L40 ANSWER 7 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1262333 HCAPLUS Full-text
DOCUMENT NUMBER: 144:22949
TITLE: Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents
INVENTOR(S): Tsubochi, Hidetsugu; Sasaki, Hirofumi; Kuroda,

Hideaki; Itotani, Motohiro; Hasegawa, Takeshi; Haraguchi, Yoshikazu; Kuroda, Takeshi; Matsuzaki, Takayuki; Tai, Kuninori; Komatsu, Makoto; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Seike, Yuji; Kawasaki, Masanori; Sumida, Takumi; Miyamura, Shin; Oguro, Kinue; Tanaka, Kazuho; Takemura, Isao

PATENT ASSIGNEE(S): Ohtsuka Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 1050 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005330266	A	20051202	JP 2005-113726	20050411
PRIORITY APPLN. INFO.:			JP 2004-114975 A	20040409
			JP 2004-125055 A	20040421

OTHER SOURCE(S): MARPAT 144:22949
GI



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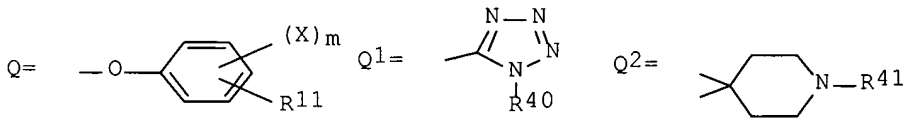
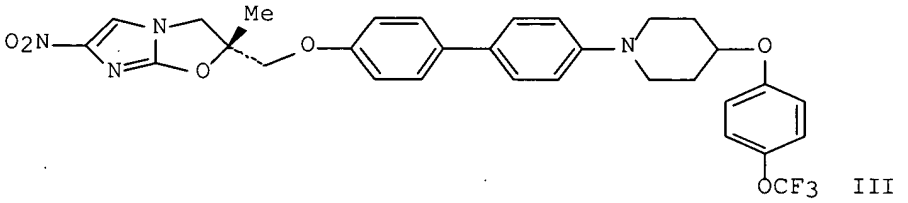




III

AB The title compds. [I; wherein R1 = H, C1-6 alkyl; n = an integer of 0-6; R2 = OR3, SR5, CO2R6, O2CNR7R8, Q, NR19R20, Q1; wherein R3 = H, C1-6 alkoxy, C1-6 alkoxy-C1-6 alkyl, (un)substituted phenyl-C1-6 alkoxy, biphenylyl-C1-6 alkoxy, phenyl-C2-6 alkenyl, C1-6 alkylsulfonyl, etc.; R5 = tetrazolyl or phenyltetrazolyl optionally substituted by halo or C1-6 alkyl on phenyl; R6 = C1-6 alkyl; R7, R8 = H, C1-8 alkyl, halo-C1-6 alkyl, C1-6 alkoxycarbonyl-C1-6 alkyl, C3-8 cycloalkyl, phenyl-C1-6 alkyl, Ph, naphthyl, pyridyl, etc.; X = halo, amino-C1-6 alkyl, C1-6 alkylamino-C1-6 alkyl; R11 = H, C1-6 alkyl, halo-C1-6 alkyl, C1-6 alkoxy, halo-C1-6 alkoxy, etc.; m = an integer of 0-3; R40 = C1-6 alkyl, Ph, halophenyl; or R1 and -(CH2)nR2 may be united via a nitrogen atom to form together with the adjacent carbon atom a spiro ring represented by the general formula Q2; wherein R41 = H, C1-6 alkyl, phenyl-C1-6 alkyl, biphenylyl-C1-6 alkyl, (un)substituted Ph, etc.] or optical isomers thereof or pharmacol. acceptable salts thereof are prepared These compds. exhibit

excellent bactericidal activity against Tubercle bacillus, multiple drug resistant T. bacillus, and atypical acid-fast bacteria, and are useful as antitubercular agents. Thus, 0.43 g (S)-1-(2-chloro-4-nitroimidazol-1-yl)- 2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]propan-2-ol and 0.22 g 2-chloro-4-nitro-1H-imidazole were suspended in 4 mL MeCN, treated with 0.17 g NaHCO3, and refluxed for 9 h to give 31% (S)-1-(2-chloro-4- nitroimidazol-1-yl)-2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1- yl]propan-1-ol which (5.85 g) was dissolved in 150 mL THF, treated with 0.66 g NaH under ice-cooling and refluxed for 6 h to give 48% (S)-2-[[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]methyl]-2-methyl-6- nitro-2,3-dihydroimidazo[2,1-b]oxazole (II). II and compound (III) showed min. inhibitory concentration of 0.024 and 0.0015 μg/mL, resp., against Mycobacterium tuberculosis H37Rv.

IT ***851694-21-8P***

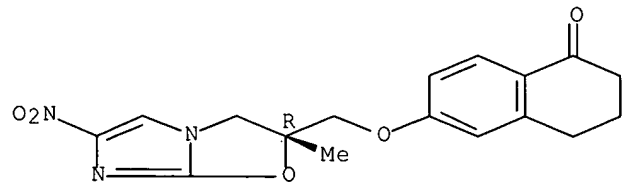
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents and antitubercular agents)

RN 851694-21-8 HCAPLUS

CN 1(2H)-Naphthalenone, 6-[[(2R)-2,3-dihydro-2-methyl-6-nitroimidazo[2,1-b]oxazol-2-yl]methoxy]-3,4-dihydro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L40 ANSWER 8 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:768186 HCAPLUS Full-text

DOCUMENT NUMBER: 142:32431

TITLE: Unexpected partial H1-receptor agonism of imidazole-type histamine H3-receptor antagonists lacking a basic side chain

AUTHOR(S): Sadek, B.; Elz, S.; Pertz, H. H.; Stark, H.; Schunack, W.

CORPORATE SOURCE: Faculty of Pharmacy & Health Sciences, Ajman University of Science and Technology, Al-Ain, United Arab Emirates

SOURCE: Inflammation Research (2004), 53(Suppl. 2), S109-S115
CODEN: INREFB; ISSN: 1023-3830

PUBLISHER: Birkhaeuser Verlag

DOCUMENT TYPE: Journal

LANGUAGE: English

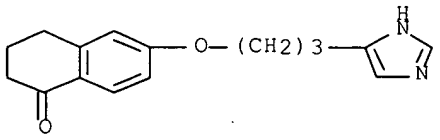
AB Objective and design: The putative partial H1-receptor agonism of some H3-receptor antagonists belonging to the proxifan series was characterized in a functional in-vitro assay using guinea-pig ileum. Methods: Whole segments of guinea-pig ileum were mounted in Tyrode's solution under isotonic conditions in the presence of atropine (10-7 M) and were cumulatively treated with histamine as an internal reference After washout, the putative H1-receptor agonists were added cumulatively to determine agonist potency (pEC50) and

intrinsic activity (Emax) relative to histamine. Maximal or supramaximal concns. of partial agonists, or sufficient concns. of H1-receptor antagonists were incubated for 3-15 min prior to construction of a second concentration-effect curve to histamine in order to calculate partial agonist or antagonist affinity for the H1 receptor (pKp or pA2 value, resp.). Results: Several analogs of FUB 372 displayed low H1-receptor affinities (pA2 or pKp 4.2-5.5) except for a Me benzoate derivative (pA2 = 6.81, Schild plot slope unity). FUB 372, four ortho-substituted derivs. (R = F, CH3, OCH3, CF3), and ciproxifan were weak contractile agents (Emax 9-38%, pEC50 4.73-5.68, histamine: 6.70) susceptible to antagonism by the H1-antihistaminergic drug mepyramine (2·10-9-10-7 M). Agonist potency and H1-receptor affinity of these compds. did not correlate with the data of a set of H1-histaminergic 2-phenylhistamines bearing the same substituents. Conclusions: A specific subset of proxifans related to FUB 372 and ciproxifan represent a unique type of H1-receptor agonists lacking a basic side chain.

IT *184027-56-3*
RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)
(unexpected partial H1-receptor agonism of imidazole-type histamine H3-receptor antagonists lacking basic side chain)

RN 184027-56-3 HCAPLUS

CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(1H-imidazol-4-yl)propoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 9 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:660243 HCAPLUS Full-text

DOCUMENT NUMBER: 133:358880

TITLE: Novel Histamine H3-Receptor Antagonists with Carbonyl-Substituted 4-(3-(Phenoxy)propyl)-1H-imidazole Structures like Ciproxifan and Related Compounds

AUTHOR(S): Stark, Holger; Sadek, Bassem; Krause, Michael; Huels, Annette; Ligneau, Xavier; Ganellin, C. Robin; Arrang, Jean-Michel; Schwartz, Jean-Charles; Schunack, Walter

CORPORATE SOURCE: Institut fuer Pharmazie, Freie Universitaet Berlin, Berlin, 14195, USA

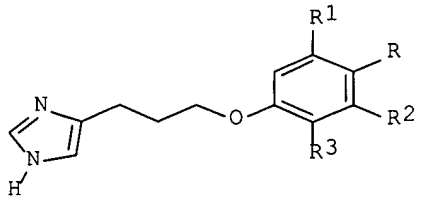
SOURCE: Journal of Medicinal Chemistry (2000), 43(21), 3987-3994
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I

AB Novel histamine H3-receptor antagonist phenoxypropylimidazoles such as I [R = H, HO, MeO, OHC, HOCH2; MeCO, EtCO, Me(CH2)3, Bu, Me(CH2)4CO, Me(CH2)5CO, Me2CHCO, Me3CCH2CO, cyclopropylcarbonyl, cyclobutylcarbonyl, cyclopentylcarbonyl, PhCH2CO, piperidinopropylcarbonyl, EtO2C(CH2)3, HO2C(CH2)3, MeCOCH2, MeCO(CH2)2, MeCOCH:CH, HOCCH:CH, MeSO2, cyclopentyl; R1 = H, F, Me, F3C, MeO; R2 = H, Me; R3 = H, Me, O2N; RR1 = COCH2CH2, CO(CH2)3, (CH2)3, (CH2)4] have been synthesized according to Mitsunobu or SNAr reactions. With in vitro and in vivo screening for H3-receptor antagonist potency, the carbonyl-substituted derivs. proved to be highly active compds. A number of compds. showed in vitro affinities in the subnanomolar concentration range, and I [R = Me(CH2)4CO; R1 = R2 = R3 = H] and I (R = MeCO; R1 = Me; R2 = R3 = H) showed in vivo antagonist potencies of about 0.1 mg/kg after po administration. Many proxifans were also tested for their affinities at other histamine receptor subtypes thereby demonstrating their pronounced H3-receptor subtype selectivity. Since the cyclopropyl ketone derivative I (R = cyclopropylcarbonyl; R1 = R2 = R3 = H) (ciproxifan) had high affinity in vitro as well as high potency in vivo, it was selected for further studies in monkeys. It showed good oral absorption and long-lasting, dose-dependent plasma levels making it a promising compound for drug development.

IT ***184027-57-4P***

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of phenoxypropylimidazole derivs. as histamine H3 receptor antagonists)

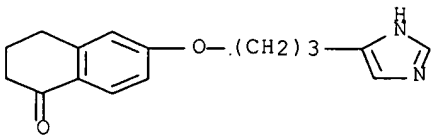
RN 184027-57-4 HCAPLUS

CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(1H-imidazol-4-yl)propoxy]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 184027-56-3

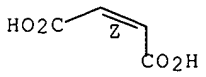
CMF C16 H18 N2 O2



CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.

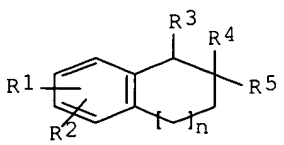


REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

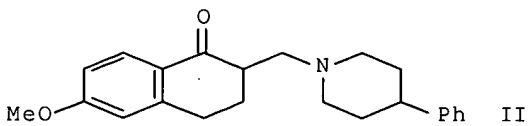
L40 ANSWER 10 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:603193 HCAPLUS Full-text
DOCUMENT NUMBER: 129:216420
TITLE: Preparation of tetralone derivatives as antiarrhythmic agents
INVENTOR(S): Ahmad, Saleem; Stein, Philip D.; Ferrara, Francis N.; Atwal, Karnail S.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Co., USA
SOURCE: PCT Int. Appl., 204 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9836749	A1	19980827	WO 1998-US2338		19980207
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
US 6048877	A	20000411	US 1998-9812		19980120
AU 9861486	A	19980909	AU 1998-61486		19980207
PRIORITY APPLN. INFO.:			US 1997-38917P	P	19970221
			WO 1998-US2338	W	19980207

OTHER SOURCE(S): MARPAT 129:216420
GI



I

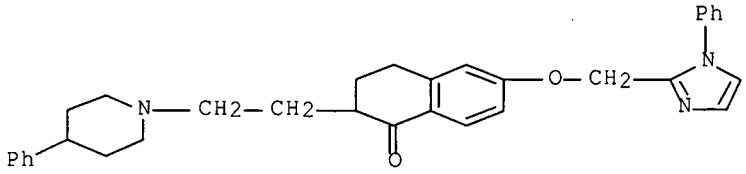


II

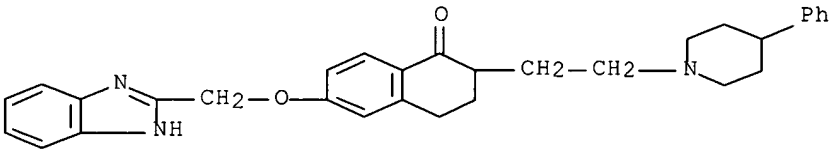
AB The title compds. [I; R1 = halo, alkyl, alkenyl, etc.; R2 = H, alkyl, halo, etc.; R3 = O, OH, alkoxy, etc.; R4 = H, alkyl, alkyl(COalkyl), alkyl(COOalkyl); R3R4 taken together with the atoms to which they are attached form a 5-7 membered ring containing up to three heteroatoms selected from O, N and S; R5 = H, alkyl, alkenyl, etc.; n = 0-2], useful in the treatment of arrhythmia, were prepared Thus, treatment of 6-methoxytetralone with paraformaldehyde and N-methylanilinium trifluoroacetate in THF followed by reaction of the resulting 2-methylene-6-methoxy-1-tetralone with 4-phenylpiperidine over alumina in PhMe afforded the title compound II. Compds. I are effective at 0.001-10 mg/kg/day.

IT ***212257-47-1P 212257-66-4P***
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetralones as antiarrhythmic agents)

RN 212257-47-1 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[(1-phenyl-1H-imidazol-2-yl)methoxy]-2-[2-(4-phenyl-1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 212257-66-4 HCAPLUS
CN 1(2H)-Naphthalenone, 6-(1H-benzimidazol-2-ylmethoxy)-3,4-dihydro-2-[2-(4-phenyl-1-piperidinyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

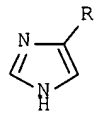
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 11 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:738181 HCAPLUS Full-text
DOCUMENT NUMBER: 126:18872
TITLE: Preparation of imidazole derivatives as histamine H3 receptor ligands
INVENTOR(S): Schwartz, Jean-Charles; Arrang, Jean-Michel; Garbarg, Monique; Quemener, Agnes; Lecomte, Jeanne-Marie; Ligneau, Xavier; Schunack, Walter G.; Stark, Holger; Purand, Katja; et al.

PATENT ASSIGNEE(S): Institut National de la Sante et de la Recherche Medicale, Fr.; Societe Civile Bioprojet
SOURCE: PCT Int. Appl., 144 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9629315	A2	19960926	WO 1996-FR432	19960321
WO 9629315	A3	19961024		
W: CA, JP, MX, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2732017	A1	19960927	FR 1995-3267	19950321
FR 2732017	B1	20000922		
CA 2190865	A1	19960926	CA 1996-2190865	19960321
EP 760811	A1	19970312	EP 1996-908172	19960321
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 10501001	T	19980127	JP 1996-528146	19960321
US 6248765	B1	20010619	US 1997-750163	19970109

PRIORITY APPLN. INFO.: FR 1995-3267 A 19950321
WO 1996-FR432 W 19960321
OTHER SOURCE(S): MARPAT 126:18872
GI

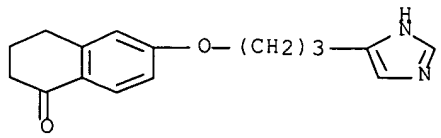


I

AB Title compds. [I; RZ1Z2Z3R1; R1 = alkyl, aryl, etc.; Z1 = alk(en)ylene, alkynylene; Z2 = O2CNH, O2C, CH2, O, NH, CO, etc.; Z3 = bond, alk(en)ylene(oxy) or -(thio)] were prepared Thus, I [R = (CH2)3OH] was treated with Me3CNCO to give I [R = (CH2)3O2CNHCMe3]. Data for biol. activity of I were given.

IT ***184027-56-3P 184027-57-4P***
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazole derivs. as histamine H3 receptor ligands)

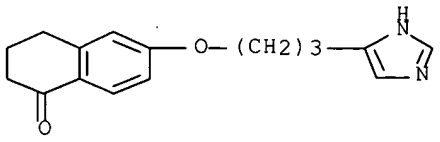
RN 184027-56-3 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(1H-imidazol-4-yl)propoxy]- (9CI) (CA INDEX NAME)



RN 184027-57-4 HCAPLUS
CN 1(2H)-Naphthalenone, 3,4-dihydro-6-[3-(1H-imidazol-4-yl)propoxy]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

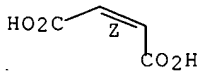
CRN 184027-56-3
CMF C16 H18 N2 O2



CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.



L40 ANSWER 12 OF 30 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:255341 HCAPLUS Full-text
DOCUMENT NUMBER: 116:255341
TITLE: Preparation of N-substituted tetrahydronaphthyl-N-hydroxyureas and analogs as 5-lipoxygenase inhibitors
INVENTOR(S): Adams, Jerry Leroy; Garigipati, Ravi Shanker; Griswold, Don Edgar; Schmidt, Stanley James
PATENT ASSIGNEE(S): SmithKline Beecham Corp., USA
SOURCE: PCT Int. Appl., 92 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

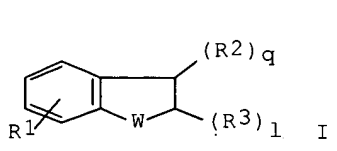
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9114674	A2	19911003	WO 1991-US2010	19910325
WO 9114674	A3	19920109		

W: AU, CA, JP, KR, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE

CA 2078126	A1	19910928	CA 1991-2078126	19910325
AU 9175875	A	19911021	AU 1991-75875	19910325
AU 660277	B2	19950622		
EP 522000	A1	19930113	EP 1991-907085	19910325
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05505610	T	19930819	JP 1991-506661	19910325
ZA 9102264	A	19920429	ZA 1991-2264	19910326
PRIORITY APPLN. INFO.:			US 1990-500153 A	19900327
			US 1990-500179 A	19900327
			WO 1991-US2010 A	19910325

OTHER SOURCE(S): MARPAT 116:255341

GI



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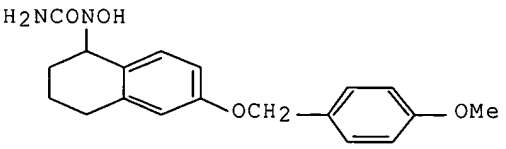


II

AB Title compds. I (R1 = H, C1-10 alkyl, C1-10 alkoxy, etc.; R2, R3 = R4C:BN(ORa), R4 = (halo)(hydroxy) C1-6 alkyl, C2-6 alkenyl, (halo)heteroaryl, C1-6 alkoxy, R5R6N wherein R5 = H, alkyl, R6 = C1-6 alkyl, aryl, PhCH2, etc.; B = O, S, Ra = H, cation, aroyl, C1-12 alkoyl; W = CH2(CH2)s, O(CH2)s, S(CH2)s, NR7(CH2)s, s = 0-3, R7 = H, C1-4 alkyl, Ph, C1-6 alkoyl, aroyl; l = q = 0, 1) or a salt thereof, are prepared I are also analgesics. To 6-hydroxy-1-tetralone was added NaH, followed by 4-(MeO)C6H4CH2Cl and the mixture was heated to 90° for 1 h to give the tetralone derivs. To this in pyridine was added HONH2.HCl to give the oxime, which was treated with BH3-pyridine and converted to the N-hydroxyamine derivative to which was added Me3SiNCO to give after work up the title compound II. II inhibited 5-lipoxygenase with IC50 of 0.5 μM and an analgesic activity ED50 of 10 mg/kg.

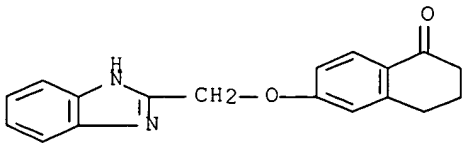
IT ***139149-45-4P***

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of lipoxygenase inhibitors)

RN 139149-45-4 HCAPLUS

CN 1(2H)-Naphthalenone, 6-(1H-benzimidazol-2-ylmethoxy)-3,4-dihydro- (9CI) (CA INDEX NAME)



L40 ANSWER 13 OF 30 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 143:97264 MARPAT Full-text
TITLE: Preparation of benzopyrans and other compounds having selective cytochrome P450RAI-1 or selective cytochrome P450RAI-2 inhibitory activity
INVENTOR(S): Vasudevan, Jayasree; Wang, Liming; Liu, Xiaoxia; Tsang, Kwok Yin; Li, Ling; Takeuchi, Janet A.; Vu, Thong; Beard, Richard L.; Bhat, Smita; Vuligonda, Vidyasagar; Chandraratna, Roshantha A.
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: PCT Int. Appl., 239 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005058798	A2	20050630	WO 2004-US42897	20041217
WO 2005058798	A8	20051013		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005176689	A1	20050811	US 2004-14460	20041216
CA 2550123	A1	20050630	CA 2004-2550123	20041217
EP 1699775	A2	20060913	EP 2004-815022	20041217
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				

PRIORITY APPLN. INFO.: US 2003-530462P 20031217
WO 2004-US42897 20041217

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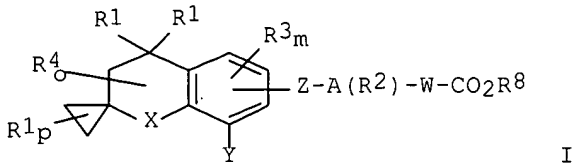

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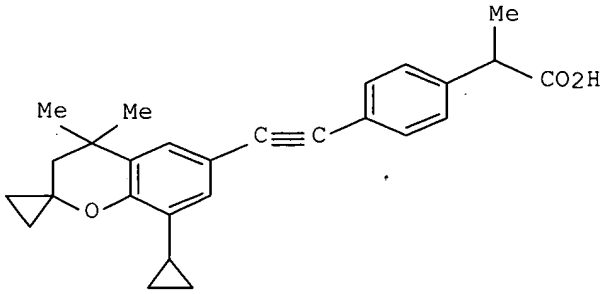
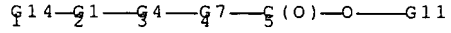


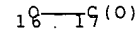
II

AB Compds. (shown as I and 16 addnl. Markush formulas defined in the claims; variables defined below; e.g. 2-[4-[(8-cyclopropyl-3,4-dihydro-4,4-dimethylspiro[2H-1-benzopyran-2,1'-cyclopropane]-6-yl)ethynyl]phenyl]propionic acid (shown as II)) specifically or selectively inhibit either the cytochrome P450RAI-1 enzyme or the cytochrome P450RAI-2 enzyme. Although the methods of preparation are not claimed, example prepns. for 63 claimed compds. and many intermediates are included. For example, II was prepared in 2 steps (56 and 57 %) by 1st coupling 8-cyclopropyl-6-ethynyl-3,4-dihydro-4,4-dimethylspiro[2H-1- benzopyran-2,1'-cyclopropane] with Me 2-(4-iodophenyl)propionate and then saponifying the ester intermediate. For I: A is Ph, naphthyl, pyridyl, thienyl, furyl, pyridazinyl, pyrimidinyl, pyrazinyl, thiazolyl, oxazolyl, imidazolyl and pyrazolyl, said Ph and heteroaryl groups being (un)substituted with 1-2 R2 groups; X is O, S or NR where R is H, C1-6 alkyl or benzyl; Y is H, C1-10 alkyl, benzyl, C1-6 alkyl- or halogen-substituted benzyl, fluoro-substituted C1-10 alkyl, C3-6 cycloalkyl, C1-6 alkyl or substituted C3-6 cycloalkyl, C2-6 alkenyl having 1 or 2 double bonds, C2-6 alkynyl, C4-6 alkenylalkynyl, C4-6 alkynylalkenyl, Cl, Br, or I or C1-6 alkoxy; Z = -C.tplbond.C-, -(CR1:CR1)n', where n' is 1-5, -CONR1-, NR1CO-; -CO-O-, -O-CO-, -CSNR1-, NR1CS-, -CO-S-, -S-CO-, -N:N-, -NR1-CO-NR1-; R1 = H or C1-6 alkyl; p = 0-4; R2 = H, C1-6 alkyl, F, Cl, Br, I, CF3, fluoro-substituted C1-6 alkyl, C1-6 alkoxy, or C1-6 alkylthio; R3 = C1-6 alkyl, F, Cl, Br, I, fluoro-substituted C1-6 alkyl, OH, SH, C1-6 alkoxy, C1-6 alkylthio or benzyl; m = 0 to 2; R4 = H, C1-6 alkyl, or F; fluoro-substituted C1-6 alkyl, or halogen; o = 0-2; W is -C(R5)2- or -CR5:CR5-; R5 = H, halogen, or C1-3 alkyl with the proviso that when W is -C(R5)2- then at least one R5 is C1-3 alkyl, and R8 is H, C1-6 alkyl, -CH2O(C1-6-alkyl), CH2OCO(C1-6-alkyl) or a cation of a pharmaceutically acceptable base.

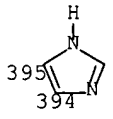
MSTR 1



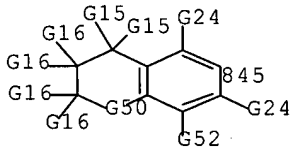
G1 = 16-1 17-3



G4 = 395-2 394-4



G7 = bond
G14 = 845



G50 = C(O)
Patent location: claim 1
Note: substitution is restricted
Note: also incorporates claim 7, claim 14, claim 20, claim 27, claim 33, claim 40, claim 44, claim 48, claim 52, claim 56, claim 60, claim 64, claim 68, claim 72, claim 76, and claim 80
Note: or pharmaceutically acceptable salts

L40 ANSWER 14 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 143:97263 MARPAT Full-text
TITLE: Preparation of benzopyran and related analogs for treating retinoid responsive disorders using selective inhibitors of CYP26A and CYP26B
INVENTOR(S): Vasudevan, Jayasree; Yang, Rong; Wang, Liming; Liu, Xiaoxia; Tsang, Kwok Yin; Li, Ling; Takeuchi, Janet A.; Vu, Thong; Beard, Richard L.; Bhat, Smita; Chandraratna, Roshantha A.
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: PCT Int. Appl., 286 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005058301	A1	20050630	WO 2004-US41889	20041213

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

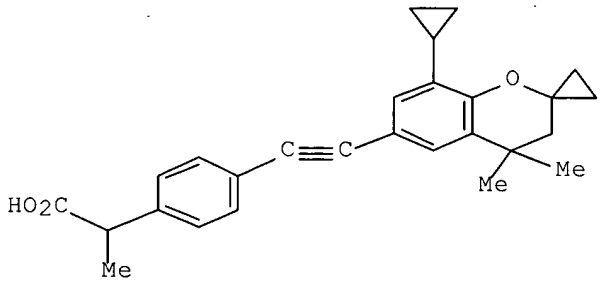
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2550010	A1	20050630	CA 2004-2550010	20041213
US 2005187298	A1	20050825	US 2004-10953	20041213
EP 1696899	A1	20060906	EP 2004-814113	20041213

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU

PRIORITY APPLN. INFO.: US 2003-530601P 20031217
WO 2004-US41889 20041213

GI



I

AB Title compds. for retinoid responsive disorder are prepared that possess a 10-fold selectivity for inhibition of cytochromes CYP26B relative to CYP26A. For instance, 2-[4-[(8-cyclopropyl-3,4-dihydro-4,4- dimethylspiro[benzopyran-2,1'-cyclopropane]-6-yl)ethynyl]phenyl]propionic acid (I) is prepared in several steps from prior art 8-cyclopropyl-4,4- dimethylspiro[benzopyran-2,1'-cyclopropane] and Me 2-(4- iodophenyl)propionate (preparation given). Selected examples show this selectivity as well as weak binding to RAR receptors. I are useful in the treatment of, e.g., autoimmune disorders.

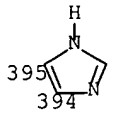
MSTR 16

G14—G1—G4—G7—C(O)—O—G11

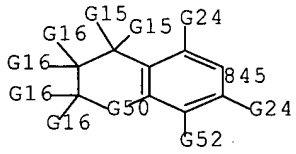
G1 = 16-1 17-3

16O—17C(O)

G4 = 395-2 394-4



G7 = bond
G14 = 845



G50 = C(O)
Patent location: disclosure
Note: substitution is restricted
Note: or pharmaceutically acceptable salts

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 15 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 136:216646 MARPAT Full-text
TITLE: Preparation of tetrahydronaphthalenes, tetrahydroisoquinolines, chromans, spirobenzopyrancyclopropanes and related compounds as cytochrome P 450 RAI inhibitors
INVENTOR(S): Vasudevan, Jayasree; Johnson, Alan T.; Huang, Dehua; Wang, Liming; Chandraratna, Roshantha A.
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
SOURCE: PCT Int. Appl., 269 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018361	A2	20020307	WO 2001-US25443	20010814
WO 2002018361	A3	20030731		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 6252090	B1	20010626	US 2000-651235	20000829
US 6291677	B1	20010918	US 2000-651001	20000829
US 6303785	B1	20011016	US 2000-651003	20000829
US 6369261	B1	20020409	US 2000-651004	20000829
US 6369225	B1	20020409	US 2000-651566	20000829
US 6380256	B1	20020430	US 2000-651564	20000829
US 6387951	B1	20020514	US 2000-651234	20000829
CA 2420869	A1	20020307	CA 2001-2420869	20010814
AU 2001086471	A5	20020313	AU 2001-86471	20010814
EP 1366036	A2	20031203	EP 2001-965920	20010814
EP 1366036	B1	20060111		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

JP 2004507531	T	20040311	JP 2002-523479	20010814
US 2002156082	A1	20021024	US 2002-79993	20020221
US 6603019	B2	20030805		
US 2002160986	A1	20021031	US 2002-97368	20020314
US 2002183285	A1	20021205	US 2002-97315	20020314
US 2003186947	A1	20031002	US 2003-364225	20030211
US 6713647	B2	20040330		
HK 1059439	A1	20060707	HK 2004-102361	20040331

PRIORITY APPLN. INFO.:

US 2000-651001 20000829
US 2000-651003 20000829
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US 2000-651234 20000829
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WO 2001-US25443 20010814
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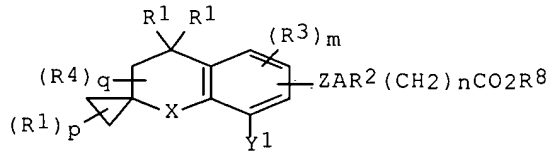
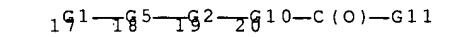


I

AB Title compds., e.g., [I; A = (substituted) Ph, naphthyl, thienyl, furyl; X = O, S; Y1 = H, alkyl, PhCH2, fluoroalkyl, cycloalkyl, cycloalkylalkyl, Cl, Br, iodo; Z = C.tplbond.C, (CR1:CR1)n, CONR1, CO2, N:N, SCO, etc.; R1 = H, alkyl; n = 1-5; R2 = H, alkyl, F, Cl, Br, iodo, CF3, fluoroalkyl, alkoxy, alkylthio; R3 = alkyl, F, Cl, Br, iodo, fluoroalkyl, OH, SH, alkoxy, alkylthio, PhCH2; R4 = H, alkyl, F, fluoroalkyl, halo; R8 = H, alkyl, CH2OA; A = alkyl, cation; m, q = 0-2; n = 0-4], were prepared Thus, 8-cyclopropyl-6-ethynyl-3,4-dihydro-4,4-dimethylspiro[2H-1-benzopyran-2,1'- cyclopropane] (preparation given), Me 2-fluoro-4-iodophenylacetate (preparation given), Et3N, CuI, and (PPh3)2PdCl2 were stirred in THF to give 46% Me 4-[[8-cyclopropyl-3,4-dihydro-4,4-dimethylspiro[2H-1-benzopyran-2,1'- cyclopropane]-6-yl]ethynyl]-2-fluorobenzeneacetate. This ester was stirred with NaOH in H2O/MeOH to give 100% 4-[[8-cyclopropyl-3,4-dihydro- 4,4-dimethylspiro[2H-1-benzopyran-2,1'-

cyclopropane]-6-yl]ethynyl]-2- fluorobenzeneacetic acid. The acid inhibited cytochrome P 450 RAI with IC50 = 0.014 μM.

MSTR 8



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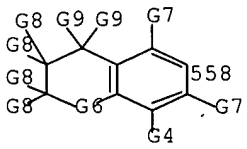

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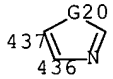

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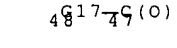

G6 = C(O)
G10 = (0-4) CH2
G17 = O
G20 = NH
Patent location: claim 130
Note: substitution is restricted

L40 ANSWER 16 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 135:344377 MARPAT Full-text
TITLE: Preparation of tetrahydronaphthalenes, tetrahydroisoquinolines, chromans, spirobenzopyrancyclopropanes and related compounds as cytochrome P450RAI inhibitors.
INVENTOR(S): Vasudevan, Jayasree; Johnson, Alan T.; Wang, Liming; Huang, Dehua; Chandraratna, Roshantha A.
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
SOURCE: U.S., 79 pp., Cont.-in-part of U.S. Ser. No. 651,235. CODEN: USXXAM
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6313107	B1	20011106	US 2000-672751	20000928
US 6252090	B1	20010626	US 2000-651235	20000829
US 6387892	B1	20020514	US 2001-875967	20010607
US 2002132796	A1	20020919	US 2001-963318	20010607
US 6495552	B2	20021217		
CA 2423919	A1	20020404	CA 2001-2423919	20010814
WO 2002026727	A2	20020404	WO 2001-US25465	20010814
WO 2002026727	A3	20020516		
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001086478	A5	20020408	AU 2001-86478	20010814
EP 1322631	A2	20030702	EP 2001-965927	20010814
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004509955	T	20040402	JP 2002-531111	20010814
US 2003078270	A1	20030424	US 2002-212533	20020805
US 6855512	B2	20050215		

PRIORITY APPLN. INFO.:

US 2000-651235	20000829
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US 2001-963318	20010607
WO 2001-US25465	20010814

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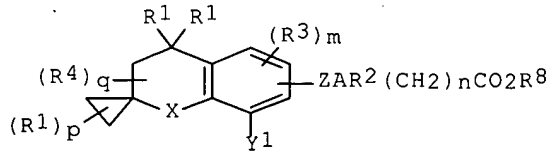
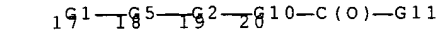


I

AB Title compds., e.g., [I; A = (substituted) Ph, naphthyl, thienyl, furyl; X = O, S; Y1 = H, alkyl, PhCH2, fluoroalkyl, cycloalkyl, cycloalkylalkyl, Cl, Br, iodo; Z = C.tplbond.C, (CR1:CR1)n, CONR1, CO2, N:N, SCO, etc.; R1 = H, alkyl; n = 1-5; R2 = H, alkyl, F, Cl, Br, iodo, CF3, fluoroalkyl, alkoxy, alkylthio; R3 = alkyl, F, Cl, Br, iodo, fluoroalkyl, OH, SH, alkoxy, alkylthio, PhCH2; R4 = H, alkyl, F, fluoroalkyl, halo; R8 = H, alkyl, CH2OA; A = alkyl, cation; m, q = 0-2; n = 0-4], were prepared Thus, 8-cyclopropyl-6-ethynyl-3,4-dihydro-4,4-dimethylspiro[2H-1-benzopyran-2,1'- cyclopropane] (preparation given), Me 2-fluoro-4-iodophenylacetate (preparation given), Et3N, CuI, and (PPh3)2PdCl2 were stirred in THF to give 46% Me 4-[[8-cyclopropyl-3,4-dihydro-4,4-dimethylspiro[2H-1-benzopyran-2,1'- cyclopropane]-6-yl]ethynyl]-2-

fluorobenzeneacetate. This was stirred with NaOH in H2O/MeOH to give 100% 4-[[8-cyclopropyl-3,4-dihydro-4,4- dimethylspiro[2H-1-benzopyran-2,1'-cyclopropane]-6-yl]ethynyl]-2- fluorobenzeneacetic acid. The latter inhibited cytochrome P450RAI with IC50 = 0.014 μM.

MSTR 8



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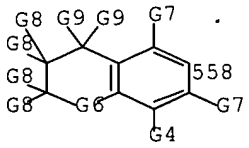

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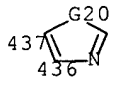
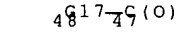


G5 = 48-17 47-19



G6 = C(O)
G10 = (0-4) CH2
G17 = O
G20 = NH
Patent location: claim 7
Note: substitution is restricted
Note: also incorporates broader disclosure

REFERENCE COUNT: 107 THERE ARE 107 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 17 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 135:303682 MARPAT Full-text
TITLE: Preparation of arylethynylphenylalkanoates and -benzoates and analogs as cytochrome P450RAI inhibitors
INVENTOR(S): Vasudevan, Jayasree; Johnson, Alan T.; Chandraratna,

Roshantha A.
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
SOURCE: U.S., 71 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6303785	B1	20011016	US 2000-651003	20000829
CA 2420869	A1	20020307	CA 2001-2420869	20010814
WO 2002018361	A2	20020307	WO 2001-US25443	20010814
WO 2002018361	A3	20030731		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001086471	A5	20020313	AU 2001-86471	20010814
EP 1366036	A2	20031203	EP 2001-965920	20010814
EP 1366036	B1	20060111		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004507531	T	20040311	JP 2002-523479	20010814
AT 315558	T	20060215	AT 2001-965920	20010814
ES 2256288	T3	20060716	ES 2001-1965920	20010814
HK 1059439	A1	20060707	HK 2004-102361	20040331
PRIORITY APPLN. INFO.:			US 2000-651001	20000829
			US 2000-651003	20000829
			US 2000-651004	20000829
			US 2000-651234	20000829
			US 2000-651235	20000829
			US 2000-651564	20000829
			US 2000-651566	20000829
			WO 2001-US25443	20010814

AB Title compds., e.g., 4-(PhCH2Z)C6H4C.tplbond.CC6H4(CO2H)-4 (Z = cyclopropylidene), were prepared Data for biol. activity of title compds. were given.

MSTR 8

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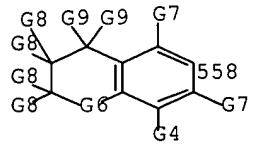

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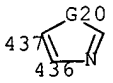

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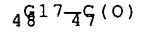

G6 = C(O)
G10 = (0-4) CH2
G17 = O
G20 = NH
Patent location: disclosure
Note: substitution is restricted

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 18 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 135:242148 MARPAT Full-text
TITLE: Synthesis of (hetero)arylacetic acids and derivatives thereof as inhibitors of cytochrome p450RAI-1
INVENTOR(S): Vasudevan, Jayasree; Johnson, Alan T.; Huang, Dehua; Chandraratna, Roshantha A.
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
SOURCE: U.S., 67 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6291677	B1	20010918	US 2000-651001	20000829
CA 2420869	A1	20020307	CA 2001-2420869	20010814
WO 2002018361	A2	20020307	WO 2001-US25443	20010814
WO 2002018361	A3	20030731		

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RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2001086471	A5	20020313	AU 2001-86471	20010814
EP 1366036	A2	20031203	EP 2001-965920	20010814
EP 1366036	B1	20060111		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004507531	T	20040311	JP 2002-523479	20010814
AT 315558	T	20060215	AT 2001-965920	20010814
ES 2256288	T3	20060716	ES 2001-1965920	20010814
HK 1059439	A1	20060707	HK 2004-102361	20040331
PRIORITY APPLN. INFO.:			US 2000-651001	20000829
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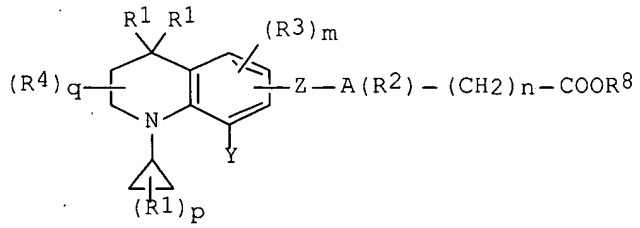

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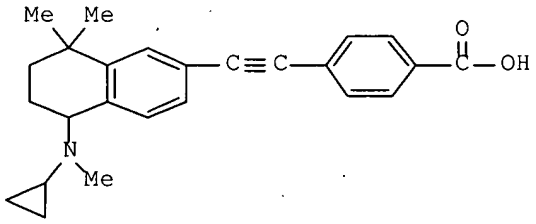
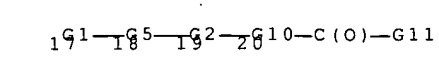


II

AB Title compds. I [A = (hetero)aryl; Y = H, alkyl, benzyl, etc.; Z = C.tplbond.C, CONR1, NR1CO, COO, OCO, etc.; R1 = H, alkyl; p = 0 - 5; R2 = H, alkyl, F, Cl, Br, I, CF3, alkoxy; R3 = alkyl, F, Cl, Br, I, CF3, etc.; m = 0 - 2; R4 = H, alkyl, halo; q, n = 0 - 4; R8 = H, alkyl, CH2Oalkyl or a cation of a pharmaceutically acceptable base] were prepared Over 140 compds. were synthesized. For instance, 6-ethynyl-4,4-dimethyl-1,2,3,4-tetrahydronaphthalene-1-one [preparation given] was coupled to Et 4-iodobenzoate (CuI, (Ph3P)2Cl2Pd, Et3N, THF, room temperature) to give the corresponding acetylene. This acetylene was used to alkylate cyclopropyl amine (DCM, HOAc, NaCNBH3, room temperature) and the resulting amine methylated (acetone, MeI, K2CO3, room temperature). Saponification of the intermediate provided II (EtOHaq, THF, NaOH, 80°C, 1 h.). II had Kd for

retinoic receptors RARα = 280 nM, RARβ = 4.8 nM and RARγ 9.8 nM and IC50 = 3 μM for cytochrome P450RAI-1. I are used for treating diseases responsive to treatment by retinoids.

MSTR 8



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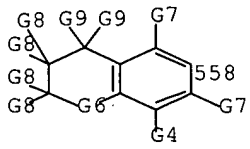

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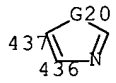
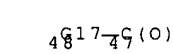


G5 = 48-17 47-19



G6 = C(O)
G10 = (0-4) CH2
G17 = O
G20 = NH
Patent location: disclosure
Note: substitution is restricted

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 19 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:102268 MARPAT Full-text
TITLE: Preparation of substituted tetrahydronaphthalene and dihydronaphthalene derivatives having retinoid and/or retinoid antagonist-like biological activity
INVENTOR(S): Vuligonda, Vidyasagar; Teng, Min; Beard, Richard L.; Johnson, Alan T.; Lin, Yuan; Chandraratna, Roshantha A.; Song, Tae K.; Wong, Harold N.; Duong, Tien T.; Gillett, Samuel J.

PATENT ASSIGNEE(S): Allergan, USA
SOURCE: PCT Int. Appl., 236 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9748672	A2	19971224	WO 1997-US10725	19970619
WO 9748672	A3	19980716		
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5723666	A	19980303	US 1996-667215	19960621
US 5741896	A	19980421	US 1996-667664	19960621
US 5747542	A	19980505	US 1996-667666	19960621
US 5763635	A	19980609	US 1996-667665	19960621
US 5773594	A	19980630	US 1996-667663	19960621
US 5808124	A	19980915	US 1996-667216	19960621
CA 2258313	A1	19971224	CA 1997-2258313	19970619
AU 9737162	A	19980107	AU 1997-37162	19970619
AU 724541	B2	20000921		
EP 915825	A2	19990519	EP 1997-933997	19970619
EP 915825	B1	20040506		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000511558	T	20000905	JP 1998-503375	19970619
AT 265997	T	20040515	AT 1997-933997	19970619
US 6051731	A	20000418	US 1997-923897	19970904
US 5998655	A	19991207	US 1998-30353	19980225
US 6117987	A	20000912	US 1998-57386	19980408
US 6187933	B1	20010213	US 2000-492495	20000127
US 6653483	B1	20031125	US 2000-550952	20000417
US 2001000511	A1	20010426	US 2000-735172	20001211
US 6344561	B2	20020205		
US 2002099038	A1	20020725	US 2001-900593	20010706
US 6465663	B2	20021015		
US 2002173631	A1	20021121	US 2002-141655	20020508
US 6555690	B2	20030429		
US 2003078440	A1	20030424	US 2002-269270	20021011
US 6855832	B2	20050215		
US 2003187235	A1	20031002	US 2002-314758	20021209
US 6720425	B2	20040413		
US 2004127469	A1	20040701	US 2003-731448	20031209
US 6818775	B2	20041116		

PRIORITY APPLN. INFO.:	US 1996-667215	19960621
	US 1996-667216	19960621
	US 1996-667663	19960621
	US 1996-667664	19960621
	US 1996-667665	19960621
	US 1996-667666	19960621
	WO 1997-US10725	19970619
	US 1997-923897	19970904
	US 1998-57386	19980408
	US 2000-492495	20000127
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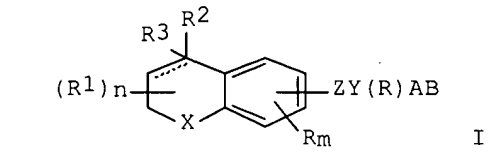
	US 2000-735172	20001211
	US 2001-900593	20010706
	US 2002-141655	20020508

GI



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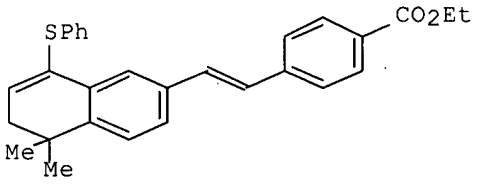
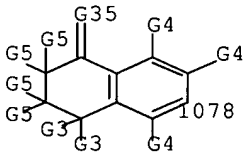


II

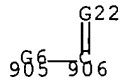
AB Compds. of formula I [Z = N=N, ethenyl, (substituted) CONH, CO2, etc.; Y = Ph, naphthyl, heteroaryl, etc.; A = alkyl, cycloalkyl, alkenyl, alkynyl, etc.; B = H, CO2H, CHO, , etc.; X = (substituted) (CH2)p; p = 0-2; R = H, alkyl, halo, CF3, etc.; R1 = H, (fluoro-substituted) alkyl; n = 0-4; R2, R3 = H, alkyl, alkoxy, alkylthio, arylthio, heteroaryl, etc.; R2R3 = oxo, acetal ,thioacetal, alkylidene, (substituted) NH, etc.] are prepared, and have retinoid and/or retinoid antagonist-like biol. activity. Thus, II was prepared from 2-bromo-5,6-dihydro-5,5-dimethyl-8-(phenylthio)naphthalene (preparation given) and Et 4-vinylbenzoate. II showed and IC80 of 4.3 nM in the ornithine decarboxylase (ODC) assay.

MSTR 1A

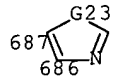
G1 = 1078



G6 = O
G7 = 905-1 906-3



G8 = 687-2 686-4



G23 = NH
G35 = O
Derivative: and pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted
Note: also incorporates claims 21, 41, 61, 81, 95, and 101
Note: additional ring formation also claimed

L40 ANSWER 20 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23037 MARPAT Full-text
TITLE: Preparation of antiviral phenanthrenecarboxylic acid derivatives
INVENTOR(S): Hornback, Williams J.; Mauldin, Scott C.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Hornback, William J.; Mauldin, Scott C.; Munroe, John E.
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742156	A1	19971113	WO 1997-US7438	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
EP 806410	A2	19971112	EP 1997-303043	19970502
EP 806410	A3	19980603		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
CA 2253401	A1	19971113	CA 1997-2253401	19970502
AU 9729955	A	19971126	AU 1997-29955	19970502
JP 2000510465	T	20000815	JP 1997-540049	19970502
AT 203007	T	20010715	AT 1997-303043	19970502
ES 2159815	T3	20011016	ES 1997-303043	19970502

US 6156924 A 20001205 US 1999-214530 19990106
PRIORITY APPLN. INFO.: US 1996-16901P 19960506
WO 1997-US7438 19970502

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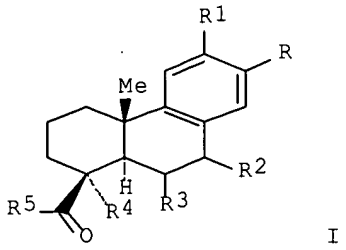

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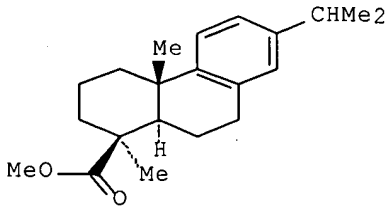
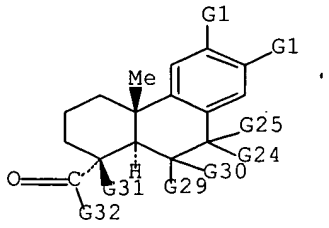


II

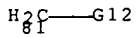
AB The terpene phenanthrenecarboxylic acid derivs. I (R, R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamyl, SO2Cl, SC(:O)NMe2, amino, alkylamino dialkylamino, alkylsulfonylamino, di(alkylsulfonyl)amino, etc.; R2 = H, OH, amino, alkylamino, dialkylamino, alkoxy, =O, alkanoyloxy, alkanoylamino, hydroxyimino, R2-R3 may be a bond; R3 = H, halo, alkyl, =O; R4 = H or alkyl, R5 = HO, halo, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, amino) were prepared as drugs which inhibit an envelope virus by inhibiting the fusion of the virus with the host cell. Thus, abietic acid was treated with MeI and the ester underwent acetoxylation with AcO2 in presence of SeO2 followed by hydrogenolysis to give the phenanthrenecarboxylic acid derivative II. The virus may be inhibited in an infected cell, a cell susceptible of infection or a mammal. Thus, using in vitro CPE/XTT assay I had an IC50 of 1-2.4 μg/mL for influenza A/Kawasaki/89.

MSTR 1



G1 = 79

G11 = 81

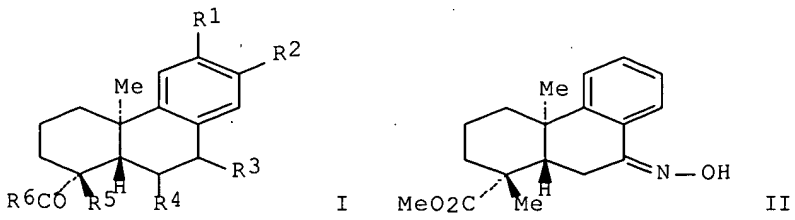


G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

L40 ANSWER 21 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:13354 MARPAT Full-text
TITLE: Preparation of antiviral compounds
INVENTOR(S): Mauldin, Scott C.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Mauldin, Scott C.; Munroe, John E.
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

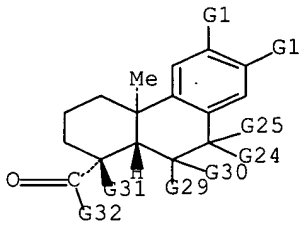
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742155	A1	19971113	WO 1997-US7531	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2253857	A1	19971113	CA 1997-2253857	19970502
AU 9727525	A	19971126	AU 1997-27525	19970502
EP 811600	A2	19971210	EP 1997-303042	19970502
EP 811600	A3	19980603		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
JP 2000511514	T	20000905	JP 1997-540100	19970502
US 6100426	A	20000808	US 1999-214524	19990106
US 6180815	B1	20010130	US 2000-546135	20000410
PRIORITY APPLN. INFO.:			US 1996-16964P	19960506
			WO 1997-US7531	19970502

GI

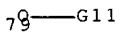


AB Compds. of formula I [R1, R2 = H, OH, alkyl, alkoxy, etc.; R3 = H, OH, amino, oxo, oxime, alkylamino, etc.; R4 = H, halo, alkyl, oxo; R5 = H, alkyl; R6 = H, halo, alkoxy, etc.] are prepared These compds. inhibit an envelope virus by inhibiting the fusion of the virus with the host cell. The virus may be inhibited in an infected cell, a cell susceptible of infection or a mammal in need thereof. Thus, II is prepared from abietic acid in 7 steps.

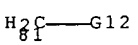
MSTR 1



G1 = 79



G11 = 81



G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

L40 ANSWER 22 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23036 MARPAT Full-text
TITLE: Preparation of antiviral phenanthrenecarboxylic acid derivatives
INVENTOR(S): Hornback, William J.; Mauldin, Scott C.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Hornback, William J.; Mauldin, Scott C.; Munroe, John E.
SOURCE: PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742154	A1	19971113	WO 1997-US7403	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
EP 806411	A2	19971112	EP 1997-303046	19970502
EP 806411	A3	19980603		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
CA 2253739	A1	19971113	CA 1997-2253739	19970502
AU 9727505	A	19971126	AU 1997-27505	19970502
JP 2000510464	T	20000815	JP 1997-540037	19970502
AT 203008	T	20010715	AT 1997-303046	19970502
ES 2159816	T3	20011016	ES 1997-303046	19970502
US 6096917	A	20000801	US 1999-214534	19990106
GR 3036821	T3	20020131	GR 2001-401682	20011008
PRIORITY APPLN. INFO.:			US 1996-16925P	19960506
			WO 1997-US7403	19970502

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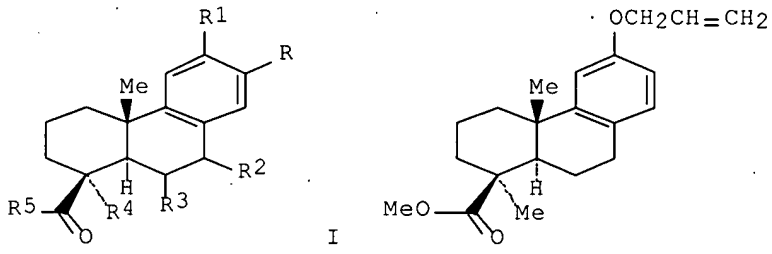
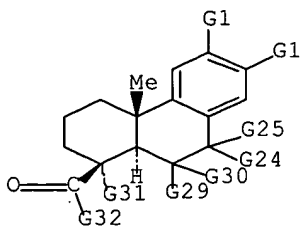
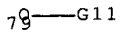


AB The terpene phenanthrenecarboxylic acid derivs. I (R, R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamyl, SO2Cl, SC(:O)NMe2, amino, alkylamino dialkylamino, alkylsulfonylamino, di(alkylsulfonyl)amino, etc.; R2 = H, OH, amino, alkylamino, dialkylamino alkoxy, =O, alkanoyloxy, alkanoylamino, hydroxyimino, R2-R3 may be a bond; R3 = H, halo, alkyl, =O; R4 = H or alkyl; R5 = HO, halo, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, amino) were prepared as drugs which inhibit an envelope virus by inhibiting the fusion of the virus with the host cell. Thus, Me O-methylpodocarpate, was treated with iodotrimethylsilane followed by alkylation with allyl bromide to give the phenanthrenecarboxylate deriv II. The virus may be inhibited in an infected cell, a cell susceptible of infection or a mammal in need thereof. Thus, using the vitro CPE/XTT assay I had an IC50 of 0.005-100 μg/mL for influenza A.

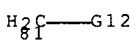
MSTR 1



G1 = 79



G11 = 81



G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

L40 ANSWER 23 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23035 MARPAT Full-text
TITLE: Preparation of abietic acid analogs for use as antiviral agents
INVENTOR(S): Mauldin, Scott C.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Mauldin, Scott C.; Munroe, John E.
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9741861	A1	19971113	WO 1997-US7527	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
EP 806409	A1	19971112	EP 1997-303047	19970502
EP 806409	B1	20010314		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO

CA 2253742	A1	19971113	CA 1997-2253742	19970502
AU 9728266	A	19971126	AU 1997-28266	19970502
JP 2000510469	T	20000815	JP 1997-540098	19970502
AT 199707	T	20010315	AT 1997-303047	19970502
ES 2155239	T3	20010501	ES 1997-303047	19970502
US 6103923	A	20000815	US 1999-214535	19990106
US 6175034	B1	20010116	US 2000-545852	20000410
GR 3035980	T3	20010831	GR 2001-400831	20010531
PRIORITY APPLN. INFO.:			US 1996-16902P	19960506
			WO 1997-US7527	19970502

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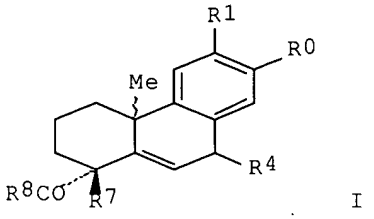

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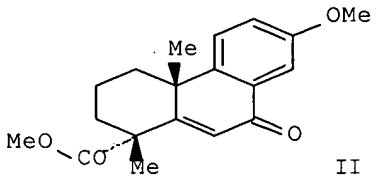
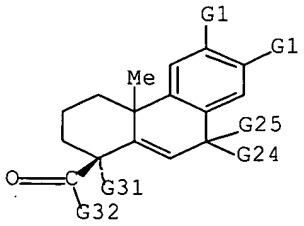


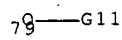
II

AB Abietic acid analogs I [R0 = R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamoyl, SO2Cl, SCONMe2, NH2, alkylamino, alkylsulfonylamino; R4 = H, OH, alkoxy, acyloxy, acylamino, alkylamino, silyloxy, hydroxyimino, alkoxyimino, oxo; R7 = H, alkyl; R8 = OH, halogen, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholino, alkylamino], which inhibit an envelope influenza-type virus by inhibiting the fusion of the virus with the host cell, were prepared Thus, ester II was prepared starting from abietic acid via a synthetic sequence which included aromatization/acetylation with SeO2 and acetic anhydride, side chain oxidation with CrO3, bromination, and dehydrobromination. The prepared compds. were tested in vitro using the plaque reduction assay and gave IC50 values in the range of 0.54 - 6.4 μg/mL for influenza A/Kawasaki virus.

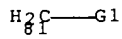
MSTR 1



G1 = 79



G11 = 81

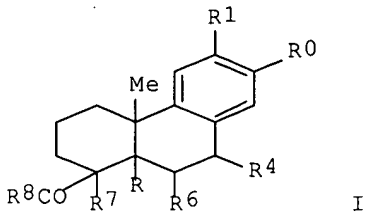


G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

L40 ANSWER 24 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23034 MARPAT Full-text
TITLE: Preparation of podocarpic and abietic acid analogs for use as antiviral agents
INVENTOR(S): Mauldin, Scott C.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Mauldin, Scott C.; Munroe, John E.
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9741860	A1	19971113	WO 1997-US7526	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2253398	A1	19971113	CA 1997-2253398	19970502
AU 9728265	A	19971126	AU 1997-28265	19970502
EP 811599	A2	19971210	EP 1997-303023	19970502
EP 811599	A3	19980701		
EP 811599	B1	20010307		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
JP 2000510834	T	20000822	JP 1997-540097	19970502
AT 199538	T	20010315	AT 1997-303023	19970502
ES 2154879	T3	20010416	ES 1997-303023	19970502
HK 1006087	A1	20020222	HK 1998-105152	19980610
US 6124494	A	20000926	US 1999-214532	19990106
US 6180816	B1	20010130	US 2000-546551	20000410
GR 3035870	T3	20010831	GR 2001-400723	20010515
PRIORITY APPLN. INFO.:			US 1996-16926P	19960506
			WO 1997-US7526	19970502

GI



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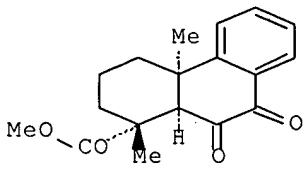
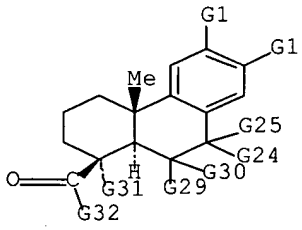


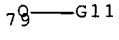
II

AB Podocarpic and abietic acid analogs I [R0 = R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamoyl, SO2Cl, SCONMe2, NH2, alkylamino, alkylsulfonylamino; R4 = H, OH, alkoxy, acyloxy, acylamino, alkylamino, silyloxy, hydroxyimino, alkoxyimino, oxo; R = H; R6 = H, halogen, alkyl, oxo; R7 = H, alkyl; RR6 = bond; R8 = OH, halogen, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholino, alkylamino], which inhibit an envelope influenza-type virus by inhibiting the fusion of the virus with the host cell, were prepared Thus, ester II was prepared starting from abietic acid via a synthetic sequence which included aromatization/acetylation with SeO2 and acetic anhydride, side chain removal with AlCl3, and oxidation with CrO3. The prepared compds. were tested in vitro using the CPE/XTT assay and gave IC50 values < 0.1 μg/mL for influenza A/Kawasaki/89 and >100 μg/mL for influenza B/Lee virus.

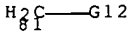
MSTR 1



G1 = 79



G11 = 81

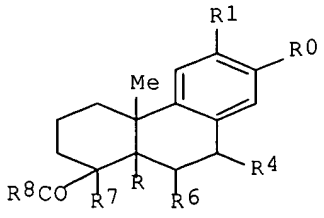


G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location:. claim 1
Note: substitution is restricted

L40 ANSWER 25 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23033 MARPAT Full-text
TITLE: Preparation of podocarpic and abietic acid analogs for use as antiviral agents
INVENTOR(S): Colacino, Joseph M.; Hornback, William J.; Mauldin, Scott C.; Munroe, John E.; Tang, Joseph Chiou-Chung
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Colacino, Joseph M.; Hornback, William J.; Mauldin, Scott C.; Munroe, John E.; Tang, Joseph Chiou-Chung
SOURCE: PCT Int. Appl., 127 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9741849	A1	19971113	WO 1997-US7525	19970502
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
EP 806203	A2	19971112	EP 1997-303022	19970502
EP 806203	A3	19980429		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
CA 2253743	A1	19971113	CA 1997-2253743	19970502
AU 9730586	A	19971126	AU 1997-30586	19970502
JP 2000511886	T	20000912	JP 1997-540096	19970502
US 6127422	A	20001003	US 1999-214536	19990106
PRIORITY APPLN. INFO.:			US 1996-16906P	19960506
			WO 1997-US7525	19970502

GI



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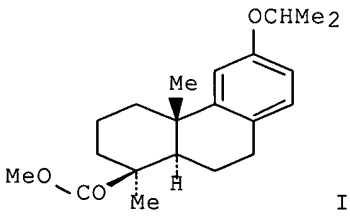
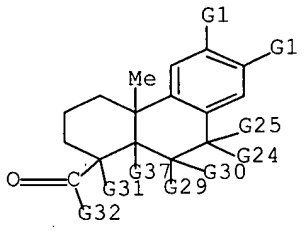


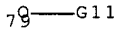
II

AB Podocarpic and abietic acid analogs I [R0 = R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamoyl, SO2Cl, SCONMe2, NH2, alkylamino, alkylsulfonylamino; R4 = H, OH, alkoxy, acyloxy, acylamino, alkylamino, silyloxy, hydroxyimino, alkoxyimino, piperazinylimino, hydrazinylidenyl, oxo; R = H; R6 = H, halogen, alkyl, oxo; R7 = H, alkyl; RR6 = bond; R8 = OH, halogen, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholino, alkylamino], which inhibit an envelope influenza-type virus by inhibiting the fusion of the virus with the host cell, were prepared for use in treating viral infections such as influenza, hepatitis C, bovine diarrhea, and tick borne encephalitis. Thus, ester II was prepared starting from podocarpic acid via esterification and O-alkylation. The prepared compds. were tested in vitro using CPE/XTT assay and gave IC50 values in the range of 0.01 - 32.0 μg/mL for influenza A/Kawasaki/89 and 0.7 - 97.0 μg/mL for influenza B/Great Lakes virus.

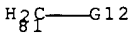
MSTR 1



G1 = 79



G11 = 81



G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1

L40 ANSWER 26 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 128:23032 MARPAT Full-text
TITLE: Preparation of podocarpic acid analogs for use as antiviral agents
INVENTOR(S): Hornback, William J.; Munroe, John E.
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Hornback, William J.; Munroe, John E.
SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9741822	A2	19971113	WO 1997-US7522	19970502
WO 9741822	A3	19980514		
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
EP 806408	A1	19971112	EP 1997-303020	19970502
EP 806408	B1	20001213		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
CA 2253405	A1	19971113	CA 1997-2253405	19970502
AU 9727522	A	19971126	AU 1997-27522	19970502
JP 2000510468	T	20000815	JP 1997-540095	19970502
AT 198070	T	20001215	AT 1997-303020	19970502
ES 2152630	T3	20010201	ES 1997-303020	19970502
US 6103922	A	20000815	US 1999-214525	19990106
GR 3035556	T3	20010629	GR 2001-400397	20010309
PRIORITY APPLN. INFO.:			US 1996-16879P	19960506
			WO 1997-US7522	19970502

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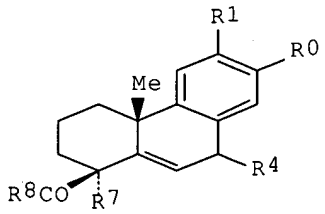

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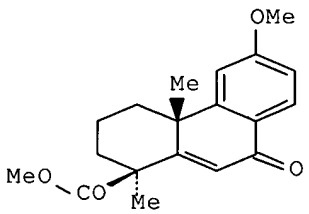
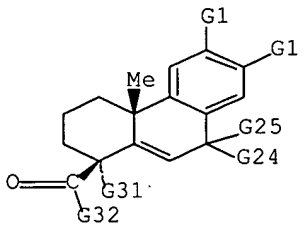


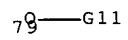
II

AB Podocarpic acid analogs I [R0 = R1 = H, OH, alkyl, alkoxy, hydroxyalkyl, sulfhydryl, sulfamoyl, SO2Cl, SCONMe2, NH2, alkylamino, alkylsulfonylamino; R4 = H, OH, alkoxy, acyloxy, acylamino, alkylamino, silyloxy, hydroxyimino, alkoxyimino, oxo; R7 = H, alkyl; R8 = OH, halogen, alkoxy, pyrrolidinyl, piperidinyl, piperazinyl, morpholino, alkylamino], which inhibit an envelope virus by inhibiting the fusion of the virus with the host cell, were prepared Thus, ester II was prepared starting from Me O-methylpodocarpate via a synthetic sequence which included oxidation with CrO3, silylation with ClSiMe2CMe3, bromination, and dehydrobromination. The prepared compds. were tested in vitro using the CPE/XTT assay and gave IC50 values in the range of 0.039 - 4.6 μg/mL for influenza A/Kawasaki and in the range of 10 - 17.1 μg/mL for influenza B/Great Lakes.

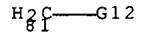
MSTR 1



G1 = 79



G11 = 81



G12 = imidazolyl
G24+G25= O
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted

L40 ANSWER 27 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 124:289584 MARPAT Full-text
TITLE: Preparation of 7-[(benzimidazolylmethyl)aminocarbonyl]-1,4-benzodiazepine-2-acetates and analogs as vitronectin receptor antagonists
INVENTOR(S): Ali, Fadia; Bondinell, William; Huffman, William Francis; Lago, M. Amparo; Keenan, Richard Mcculloch; Kwon, Chet; Miller, William Henry; Nguyen, Thomas; Takata, Dennis T.
PATENT ASSIGNEE(S): SmithKline Beecham Corp., USA
SOURCE: PCT Int. Appl., 193 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9600730	A1	19960111	WO 1995-US8306	19950629

W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, PT,

	RO, RU, SD, SG, SI, SK, TJ, TT, UA, US, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU	9530010	A	19960125	AU 1995-30010	19950629
AU	702661	B2	19990225		
EP	767792	A1	19970416	EP 1995-926152	19950629
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN	1156995	A	19970813	CN 1995-194853	19950629
HU	76344	A2	19970828	HU 1996-3525	19950629
BR	9508178	A	19971118	BR 1995-8178	19950629
JP	10504808	T	19980512	JP 1995-503462	19950629
US	5977101	A	19991102	US 1996-505171	19961220
NO	9605608	A	19970227	NO 1996-5608	19961227
NZ	329656	A	20000128	NZ 1998-329656	19980128
NZ	329822	A	20000228	NZ 1998-329822	19980223
PRIORITY APPLN. INFO.:				US 1994-267695	19940629
				US 1995-428933	19950425
				WO 1995-US8306	19950629

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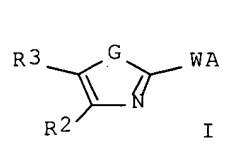

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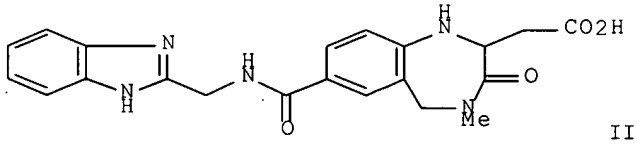


II

AB Title compds. [e.g., I; A = fibrinogen receptor antagonist template (sic); G = Nh, O, S, etc.; R2,R3 = H, halo, alkyl, etc.; R2R3 = atoms to form a ring; W = CHR1UCHR1V, VZ; R1 = H, (un)substituted alkyl; U,V = bond, CO, O, CH:CH, etc.; Z = N-attached pyrrolidine- or piperidine-di-yl] were prepared Thus, Me 7-carboxy-4-methyl-3-oxo-2,3,4,5-tetrahydro-1H-1,4- benzodiazepine-2-acetate was amidated by 2-aminomethylbenzimidazole to give, after saponification, title compound II. Title compds. inhibit vitronectin binding to SK&F 107260 in the concentration range of about 0.001 to 50μM (sic).

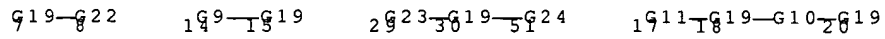
MSTR 1A

G1—G2 18

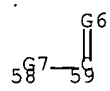
G1 = 3

G2—G3 12—G4

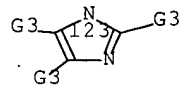
G2 = 7-2 8-4 / 14-2 15-4 / 29-2 51-4 / 17-2 20-4



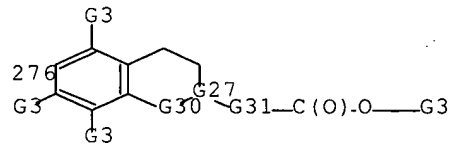
G7 = O
G9 = 58-2 59-15



G12 = 123



G18 = 276



G19 = alkylene (opt. substd.)
G27 = CH
G30 = C(O)
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: additional ring formation is allowed

L40 ANSWER 28 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 126:74613 MARPAT Full-text
TITLE: Preparation of tetrahydronaphthalene inhibitors of 5-lipoxygenase
INVENTOR(S): Billington, David; Leon, Pascale; Sciberras, Sophie; Canet, Emmanuel; Lonchampt, Michel
PATENT ASSIGNEE(S): Adir Et Compagnie, Fr.
SOURCE: Fr. Demande, 45 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

FR 2731704	A1	19960920	FR 1995-3036	19950316
FR 2731704	B1	19970425		
PRIORITY APPLN. INFO.:			FR 1995-3036	19950316

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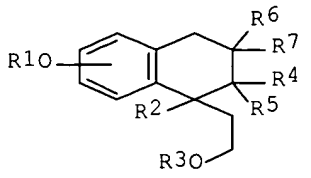


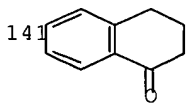
I

AB The title compds. [I; R1 = (CH2)A; A = (un)substituted Ph, (un)substituted heterocyclyl, etc.; n = 0-4; R2 = OH, (un)substituted alkoxy; R3 = H, (un)substituted alkyl; R4, R5 = H, alkenyl, (un)substituted aralkyl; R6, R7 = H, (un)substituted alkyl, (un)substituted alkenyl, etc.; R2R3 = O2C, OCH2, CH2CH2, etc.] [e.g., 1-(2-hydroxyethyl)-7-(naphthalen-2-ylmethoxy)- 1,2,3,4-tetrahydronaphthalen-1-ol], which are active inhibitors of 5-lipoxygenase (e.g., I demonstrate a 70-100% in-vitro inhibition of LTB4 at 10-6 M) and useful for treating a variety of 5-lipoxygenase-mediated diseases (e.g., arthritis, etc.), are prepared and a I-containing formulation presented.

MSTR 2

G14—G4

G1 = imidazolyl (opt. substd.)
G3 = (0-4) CH2
G4 = 141



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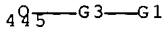
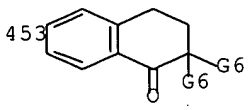


Patent location: claim 14

MSTR 5

G1—G3—O—G14

G1 = imidazolyl (opt. substd.)
G3 = (0-4) CH2
G14 = 453

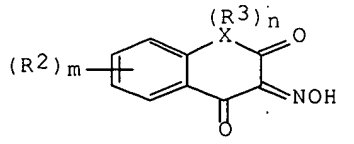


Patent location: claim 14

L40 ANSWER 29 OF 30 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 119:28016 MARPAT Full-text
TITLE: Preparation of N-substituted 3-oximinoquinolin-2,4-(1H)-diones useful for treating viral infections
INVENTOR(S): Afonso, Adriano; Weinstein, Jay; Gentles, Margaret J.
PATENT ASSIGNEE(S): Schering Corp., USA
SOURCE: U.S., 14 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5190956	A	19930302	US 1990-579919	19900907

PRIORITY APPLN. INFO.: US 1990-579919 19900907
GI



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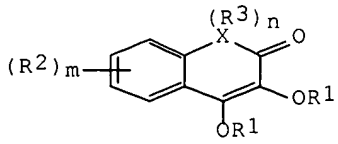
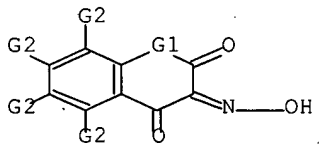


II

AB Title compds. I (X = N, O, S, C; m = 0-4; R2 = alkyl, alkoxy, aryloxy, aryl, aralkyloxy, halo, etc.; R3 = alkyl, aralkyl, (substituted) aryl, alkaryl, alkylheteroaryl, alkoxyalkoxyaryl, etc.; n = 0-2) showing in vitro antiherpes simplex virus activity and II (R1 = alkyl, aryl, R4CO wherein R4 = H, aryl, alkaryl, alkenyl, H2N, H, heteroaryl, etc.), are prepared Isatoic anhydride

in DMF was added to NaH in DMF followed by Me(CH2)5CH2Br in DMF to give 1-heptylisatoic anhydride. To this was added di-Et malonate in dimethylacetamide to give 1-heptyl-3-carbethoxy-2(1H)- quinolinone which was treated with 2N NaOH to give 1-heptyl-4-hydroxy- 2(1H)quinolinone which was treated with NaNO2 to give I (R2m = 0, X = N, R3n = 1-heptyl) (III). The IC50 of III for antiherpes simplex virus activity in vitro was 2.5 µg/mL. III was inactive when tested in vivo.

MSTR 1



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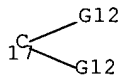

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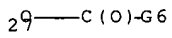

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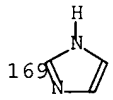


Patent location: disclosure

L40 ANSWER 30 OF 30 WPIX COPYRIGHT 2006 THE THOMSON CORP on STN
ACCESSION NUMBER: 2004-294426 [27] WPIX
CROSS REFERENCE: 2002-194824
DOC. NO. CPI: C2004-112625 [27]
TITLE: Use of imidazole derivatives including dihydronaphthalenone imidazoles for inhibiting amyloid

plaque formation in cell population for treating Alzheimer's disease
DERWENT CLASS: B03
INVENTOR: AHN K; EMMERLING M R; HASKE T; HUPE D J; LEVINE H; SCHOLTEN J D; SEBOT-LEOPOLD J
PATENT ASSIGNEE: (WARN-C) WARNER LAMBERT CO
COUNTRY COUNT: 1

PATENT INFO ABBR.:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
US 20040063770	A1	20040401	(200427)*	EN	14[2]	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 20040063770	A1 Provisional	US 2000-197484P	20000417
US 20040063770	A1 Cont of	US 2001-771529	20010129
US 20040063770	A1	US 2003-671385	20030926

PRIORITY APPLN. INFO: US 2003-671385 20030926
US 2000-197484P 20000417
US 2001-771529 20010129
AN 2004-294426 [27] WPIX
CR 2002-194824
AB US 20040063770 A1 UPAB: 20050528
NOVELTY - Inhibition of amyloid plaque formation in a cell population involves contacting the cell population with imidazole derivatives including dihydronaphthalenone imidazoles.

DETAILED DESCRIPTION - Inhibition of amyloid plaque formation in a cell population involves contacting the cell population with (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen- 1-one, 6-(2-(1H-imidazol-4-yl)-ethoxy)-3,4-dihydro-2H-naphthalen-1-one, E-(+/-)6-(2-imidazol-1-yl-1-phenyl-ethoxy)-2-thiophen-2-ylmethylene-3,4- dihydro-2H-naphthalen-1-one, 6-(1-(4-chloro-phenyl)-2-imidazol-1-yl- ethoxy)-3,4-dihydro-2H-napththalen-1-one, (R) 6-(2-imidazol-1-yl-1-phenyl- ethoxy)-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1-phenyl- ethoxy)4-phenyl-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1- phenyl-ethoxy)-5-isopropoxymethyl-3,4-dihydro-2H-naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenylaminomethyl-3,4-dihydro-2H- naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-(4- fluorophenyl)ethyl)-3,4-dihydro-2H-naphthalen-1-one, (S) 5-benzenesulfonylmethyl-6-(2-imidazol-1-yl-1-phenyl-ethoxy)-3,4-dihydro-2H- naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethylsulfanyl)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-pyridin-2-yl-ethyl)-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-pyridin-4-yl-ethyl)-3,4-dihydro- 2H-naphthalen-1-one, 4-(5-oxo-1-phenethyl-5,6,7,8-tetrahydro-naphthalen-2-yloxy)-4-phenyl-butyric acid, 6-(2-(3-benzyl-3H-imidazol-4-yl)-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one, trifluoro-acetate, (S) (1-((4-benzyloxy-benzyl)-((2-methyl-2-phenyl-propylcarbamoyl)-methyl)- carbamoyl)-2-(3H-imidazol-4-yl)-ethyl)-carbamic acid benzyl ester, (S) (2-(1H-imidazol-4-yl)-1-((4-methyl-benzyl)-(((1-phenyl-cyclobutylmethyl)- carbamoyl)-methyl)-carbamoyl)-ethyl)-carbamic acid benzyl ester, 1-methyl-4-(3-chlorophenyl)-6-((4-chlorophenyl)-(1-methylimidazol-5- yl)aminomethyl)-2,3-dihydroquinolin-2-one, or (S) (1-((4-benzyloxy-benzyl)- ((2-benzyloxy-ethylcarbamoyl)-methyl)-carbamoyl)-2-(1H-imidazol-4- yl)ethyl)-carbamic acid benzyl ester.

ACTIVITY - Neuroprotective; Nootropic.

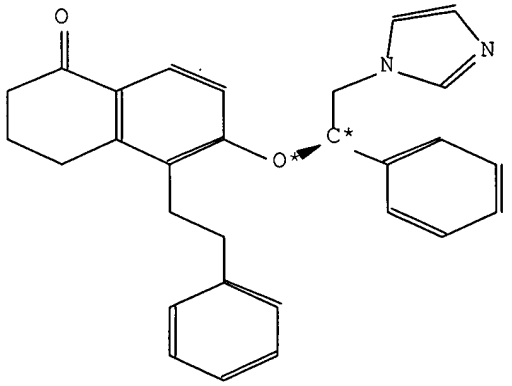
MECHANISM OF ACTION - Amyloid aggregation inhibitor; Farnesyl protein transferase inhibitor.

Efficacy of (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one (Ia) to inhibit amyloid aggregation was evaluated in CHO cells transfected with human amyloid precursor protein in Dulbecco's Modified Eagle medium containing (Ia). The grown cells were incubated at 37 degrees C and protein content was determined using BCA protein assay. (Ia) showed IC50 of 0.7 micro M.

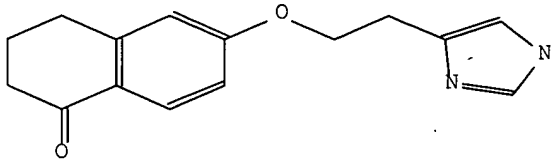
USE - For inhibiting amyloid plaque formation in cell (e.g. brain cell, pancreatic cell, kidney cell, cardiac cell, neuronal cell or thyroid cell) in an animal and for treating amyloidosis associated with Alzheimer's disease (claimed) and Down's syndrome.

ADVANTAGE - The compounds are potent farnesyl protein transferase inhibitors.

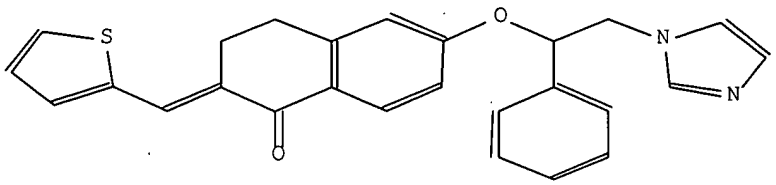
AN.S DCR-885624
CN.S 6-(2-Imidazol-1-yl-1-phenyl-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one
SDCN RADX2Z



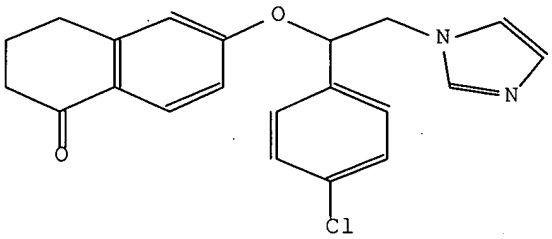
AN.S DCR-518729
CN.S 6-[2-(1H-Imidazol-4-yl)-ethoxy]-3,4-dihydro-2H-naphthalen-1-one
SDCN RA6LJH



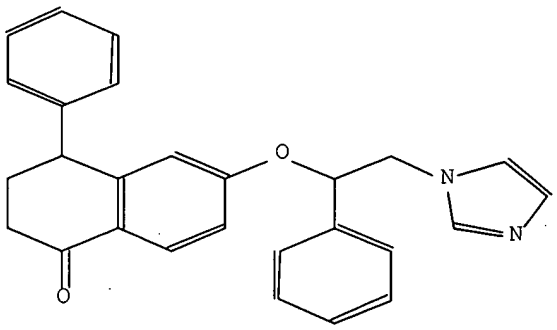
AN.S DCR-518736
CN.S 6-(2-Imidazol-1-yl-1-phenyl-ethoxy)-2-thiophen-2-ylmethylene-3,4-dihydro-2H-naphthalen-1-one
SDCN RA6LJO



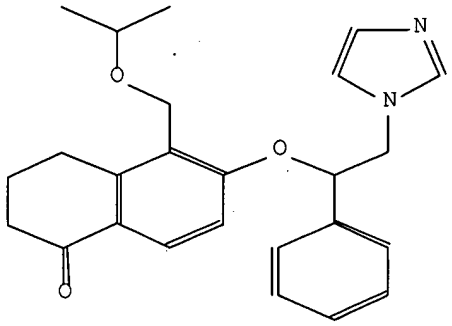
AN.S DCR-518767
CN.S 6-[1-(4-Chloro-phenyl)-2-imidazol-1-yl-ethoxy]-3,4-dihydro-2H-naphthalen-1-one
SDCN RA6LKI



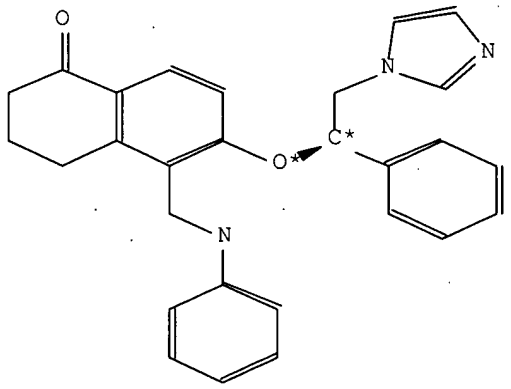
AN.S DCR-518771
CN.S 6-(2-Imidazol-1-yl-1-phenyl-ethoxy)-4-phenyl-3,4-dihydro-2H-naphthalen-1-one
SDCN RA6LKL



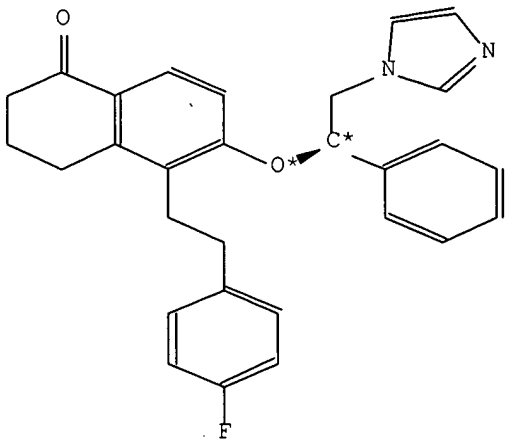
AN.S DCR-483087
CN.S 6-(2-Imidazol-1-yl-1-phenyl-ethoxy)-5-isopropoxymethyl-3,4-dihydro-2H-naphthalen-1-one
SDCN RA5URE



AN.S DCR-885626
CN.S 6-(2-Imidazol-1-yl-1-phenyl-ethoxy)-5-phenylaminomethyl-3,4-dihydro-2H-naphthalen-1-one
SDCN RADX33



AN.S DCR-885627
CN.S 5-[2-(4-Fluoro-phenyl)-ethyl]-6-(2-imidazol-1-yl-1-phenyl-ethoxy)-3,4-dihydro-2H-naphthalen-1-one
SDCN RADX34



AN.S DCR-885625
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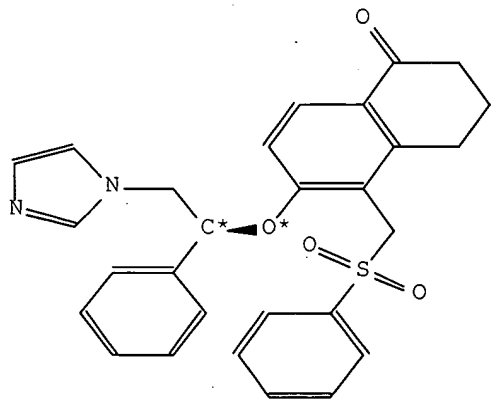
SDCN RADX35



AN.S DCR-885619
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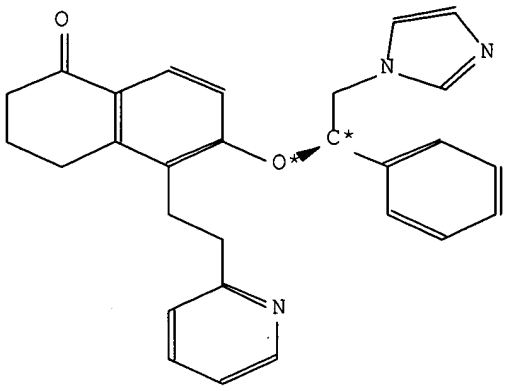

AN.S DCR-483099
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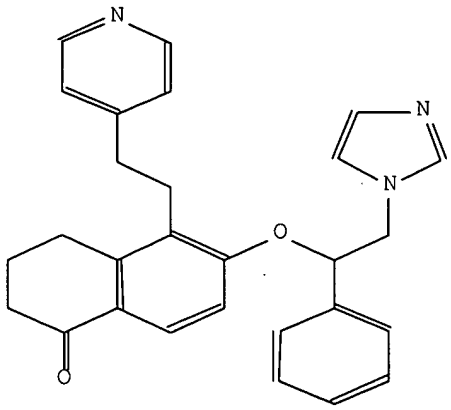
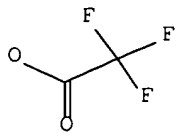


AN.S DCR-885086
CN.S 6-[2-(3-Benzyl-3H-imidazol-4-yl)-ethoxy]-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one trifluoro-acetate
SDCN RADX3A

CM 1



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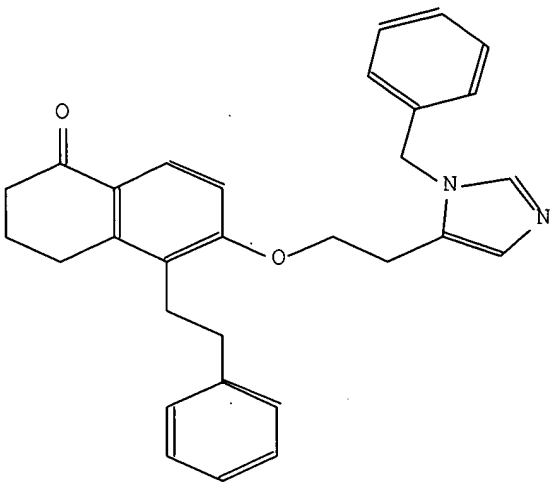


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FILE LAST UPDATED ON JUNE 16, 2006

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   immediately with the display codes PRE (preparations) and REA
   (reactions).  A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally
   with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
   between a BEILSTEIN compound and belonging reactions. For mo
   detailed reaction searches BRNs can be searched as reaction
   partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

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* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE           *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.                         *
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NEW

* *PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.*
* *NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.*

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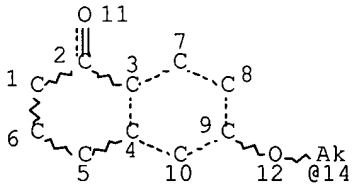

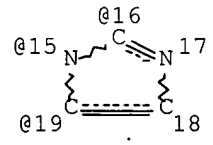


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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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STEREO ATTRIBUTES: NONE
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L19           2 SEA FILE=BEILSTEIN ABB=ON  PLU=ON  L17 AND BABSAN/FA


=> d l19 ide allref 1-2


L19  ANSWER 1 OF 2 BEILSTEIN COPYRIGHT 2006 BEILSTEIN MDL on STN

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                                     dihydro-2H-naphthalen-1-one; compound with
                                     but-2-enedioic acid
     Autonom Name (AUN):             6-<3-(1H-imidazol-4-yl)-propoxy>-3,4-
                                     dihydro-2H-naphthalen-1-one; compound with
                                     but-2-enedioic acid
     Fragm. Molec. Formula (FMF):    C16 H18 N2 O2 , C4 H4 O4
     Molecular Formula (MF):         C16 H18 N2 O2 . C4 H4 O4
     Molecular Weight (MW):          270.33, 116.07
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Fragment BRN (FBRN):	8783262, 605762
Lawson Number (LN):	28336, 8766, 1622
File Segment (FS):	Stereo compound
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	7460181
Tautomer ID (TAUTID):	8294782
Entry Date (DED):	2001/07/25
Update Date (DUPD):	2001/07/25

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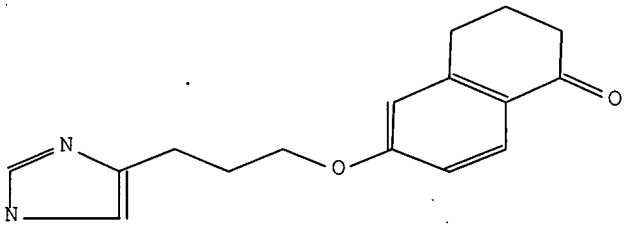

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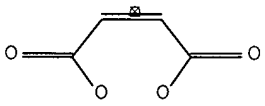


Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
AUN	Autonomname	1
FMF	Fragment Molecular Formula	2
MF	Molecular Formula	1
FW	Formular Weight	2
FBRN	Fragment BRN	2
LN	Lawson Number	3
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1

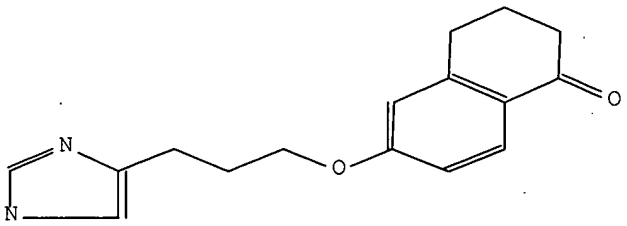
TAUTID	Tautomer ID	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

All References:
ALLREF

1. Stark, Holger; Sadek, Bassem; Krause, Michael; Huels, Anette; Ligneau, Xavier; Ganellin, C. Robin; Arrang, Jean-Michel; Schwartz, Jean-Charles; Schunack, Walter, J.Med.Chem., CODEN: JMCMAR, 43(21), <2000>, 3987 - 3994; BABS-6282075

L19 ANSWER 2 OF 2 BEILSTEIN COPYRIGHT 2006 BEILSTEIN MDL on STN

Beilstein Records (BRN):	8783262
Chemical Name (CN):	6-<3-(1H-imidazol-4-yl)-propoxy>-3,4-dihydro-2H-naphthalen-1-one
Autonom Name (AUN):	6-<3-(1H-imidazol-4-yl)-propoxy>-3,4-dihydro-2H-naphthalen-1-one
Molec. Formula (MF):	C16 H18 N2 O2
Molecular Weight (MW):	270.33
Lawson Number (LN):	28336, 8766
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	7435575
Tautomer ID (TAUTID):	8275662
Entry Date (DED):	2001/07/25
Update Date (DUPD):	2001/07/25



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	2
FS	File Segment	1
CTYPE	Compound Type	1

CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
DED	Entry Date	1
DUPD	Update Date	1
CDER	Chemical Derivative	1
PHARM	Pharmacological Data	2

All References:
ALLREF

1. Stark, Holger; Sadek, Bassem; Krause, Michael; Huels, Anette; Ligneau, Xavier; Ganellin, C. Robin; Arrang, Jean-Michel; Schwartz, Jean-Charles; Schunack, Walter, J.Med.Chem., CODEN: JMCMAR, 43(21), <2000>, 3987 - 3994; BABS-6282075

INVENTOR SEARCH

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L29        2117 SEA ("AHN K"/AU OR "AHN K A"/AU OR "AHN K B"/AU OR "AHN K
                C"/AU OR "AHN K D"/AU OR "AHN K E"/AU OR "AHN K H"/AU OR "AHN
                K H K H"/AU OR "AHN K I"/AU OR "AHN K J"/AU OR "AHN K K"/AU OR
                "AHN K L"/AU OR "AHN K M"/AU OR "AHN K O"/AU OR "AHN K P"/AU
                OR "AHN K R"/AU OR "AHN K S"/AU OR "AHN K S A 3"/AU OR "AHN K
                T"/AU OR "AHN K W"/AU OR "AHN K Y"/AU OR "AHN K Z"/AU OR "AHN
                KYUNGHYE"/AU)
L30         356 SEA ("EMMERLING M"/AU OR "EMMERLING M R"/AU OR "EMMERLING
                MARK"/AU OR "EMMERLING MARK R"/AU OR "EMMERLING MARK RICHARD"/A
                U)
L31          51 SEA ("HASKE T"/AU OR "HASKE T L"/AU OR "HASKE T N"/AU OR
                "HASKE TARANEH"/AU OR "HASKE TARANEH N"/AU)
L32         299 SEA ("HUPE D"/AU OR "HUPE D J"/AU OR "HUPE DONALD"/AU OR "HUPE
                DONALD J"/AU OR "HUPE DONALD JOHN"/AU)
L33         221 SEA ("SEBOLT J"/AU OR "SEBOLT LEOPOLD"/AU OR "SEBOLT LEOPOLD
                J"/AU OR "SEBOLT LEOPOLD J S"/AU OR "SEBOLT LEOPOLD JUDITH"/AU
                OR "SEBOLT LEOPOLD JUDITH S"/AU OR "SEBOLT LEOPOLD JUDY"/AU OR
                "SEBOLT LEPOLD J"/AU)
L34        2356 SEA (L*** OR L*** OR L***)
L35         228 SEA ("SCHOLTEN J"/AU OR "SCHOLTEN J D"/AU OR "SCHOLTEN
                JEFF"/AU OR "SCHOLTEN JEFF D"/AU OR "SCHOLTEN JEFFEREY D"/AU
                OR "SCHOLTEN JEFFERY D"/AU OR "SCHOLTEN JEFFERY DAVID"/AU OR
                "SCHOLTEN JEFFREY"/AU OR "SCHOLTEN JEFFREY A"/AU OR "SCHOLTEN
                JEFFREY D"/AU OR "SCHOLTEN JEFFREY DAVID"/AU)
L36         132 SEA (L29 AND (L30 OR L31 OR L32 OR L33 OR L34 OR L35)) OR (L30
                AND (L31 OR L32 OR L33 OR L34 OR L35)) OR (L31 AND (L32 OR L33
                OR L34 OR L35)) OR (L32 AND (L33 OR L34 OR L35)) OR (L33 AND
                (L34 OR L35)) OR (L34 AND L35)
L38          33 SEA L36 AND ALZH?
L39          18 DUP REM L38 (15 DUPLICATES REMOVED)


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L39  ANSWER 1 OF 18  HCAPLUS  COPYRIGHT 2006 ACS on STN DUPLICATE 1
ACCESSION NUMBER:         2005:260614  HCAPLUS  Full-text
DOCUMENT NUMBER:          143:95053
TITLE:                    Extracellular deposits of Aβ produced in cultures
                          of Alzheimer disease brain vascular smooth
```

muscle cells
AUTHOR(S): Frackowiak, Janusz; Potempska, Anna; ***LeVine, Harry; Haske, Taraneh***; Dickson, Dennis; Mazur-Kolecka, Bozena
CORPORATE SOURCE: New York State Institute for Basic Research in Developmental Disabilities, Staten Island, NY, USA
SOURCE: Journal of Neuropathology & Experimental Neurology (2005), 64(1), 82-90
CODEN: JNENAD; ISSN: 0022-3069
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English

AB ***Alzheimer*** disease (AD) and Down syndrome (DS) brains contain deposits of amyloid-β peptide that are located extracellularly in the neuropil and in blood vessels walls. A small fraction of brain Aβ is detected intracellularly in neurons, smooth muscle cells, and microglia. The roles of these extracellular and intracellular pools of Aβ in pathogenesis of AD-type dementia are controversial. Cell culture models of vascular amyloidosis-β revealed intracellular, but not extracellular deposition of Aβ. Here we demonstrate for the first time, formation of extracellular deposits of Aβ in primary cultures of vascular smooth muscle cells isolated from AD cases with cerebrovascular amyloid angiopathy. Extracellular Aβ deposition required the use of cultures that produced high quantities of Aβ, which contained at least 50% of cells forming intracellular Aβ deposits, and providing extracellular matrix proteins. During 12 days of culture in this system, we observed accumulation of nonfibrillar, granular deposits in extracellular matrix, similar to early stages of vascular amyloidogenesis in vivo. This is a valuable system to study the effects of various potential amyloidogenic factors on formation of extracellular Aβ deposits.

REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 2 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2001:906214 HCAPLUS Full-text
DOCUMENT NUMBER: 136:31714
TITLE: Method for treating ***Alzheimer***'s disease
INVENTOR(S): ***Ahn, Kyunghye; Emmerling, Mark Richard; Haske, Taraneh; Hupe, Donald J.; Sebolt-Leopold, Judith; Levine, Harry; Scholten, Jeffrey David***
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2001051642	A1	20011213	US 2001-771529		20010129
US 2004063770	A1	20040401	US 2003-671385		20030926
PRIORITY APPLN. INFO.:			US 2000-197484P	P	20000417
			US 2001-771529	B1	20010129

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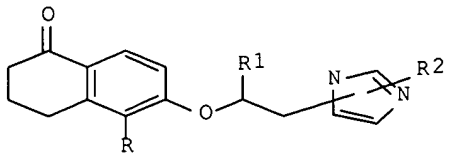


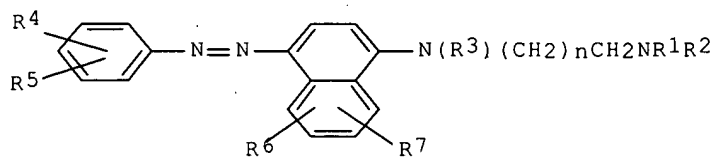
I

AB The present invention provides methods and compns. for inhibiting Aβ (β-amyloid peptide) synthesis and for treating ***Alzheimer***'s disease by administering a farnesyl transferase inhibitor of the formula I: wherein R is hydrogen, alkyl, and substituted alkyl; R1 is hydrogen, Ph, or substituted phenyl; and R2 is hydrogen or benzyl.

L39 ANSWER 3 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
ACCESSION NUMBER: 2000:65334 HCAPLUS Full-text
DOCUMENT NUMBER: 132:102869
TITLE: Naphthylazo compounds for inhibition of amyloidosis and for diagnostic imaging of amyloid aggregation
INVENTOR(S): Hays, Sheryl Jeanne; ***LeVine, Harry, III***; ***Scholten, Jeffery David***
PATENT ASSIGNEE(S): Warner-Lambert Co., USA
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6017913	A	20000125	US 1999-304016	19990503
PRIORITY APPLN. INFO.:			US 1999-304016	19990503

OTHER SOURCE(S): MARPAT 132:102869
GI



I

AB Amyloid aggregation in animals is inhibited by administering a naphthylazo compound I [R1, R2 = H, (substituted) alkyl, or complete heterocyclic ring; R3 = H, alkyl; R4-R7 = substituent group]. The compds. are especially useful in preventing and treating ***Alzheimer***'s disease. A method for diagnosis of amyloid aggregation is also disclosed.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 4 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4
ACCESSION NUMBER: 2000:44640 HCAPLUS Full-text
DOCUMENT NUMBER: 132:131626
TITLE: Screening for pharmacologic inhibitors of amyloid fibril formation
AUTHOR(S): ***LeVine, Harry, III.; Scholten, Jeffrey D.***
CORPORATE SOURCE: Department of Neuroscience Therapeutics, Warner-Lambert Company, Ann Arbor, MI, 48105-1047, USA
SOURCE: Methods in Enzymology (1999), 309(Amyloid, Prions, and Other Protein Aggregates), 467-476
CODEN: MENZAU; ISSN: 0076-6879
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
AB A review with 22 refs. is given on screening assays for inhibitors of amyloid fibril formation including pathophysiol. of fibril formation, a detailed description of the spontaneous fibril formation assay and the seeded fibril assay, other methods for measuring amyloid fibril formation, and characteristics of amyloid fibril formation inhibitor assays. (c) 1999 Academic Press.
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 5 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 5
ACCESSION NUMBER: 1999:222215 HCAPLUS Full-text
DOCUMENT NUMBER: 131:57322
TITLE: Apolipoprotein E alters metabolism of AβPP in cells engaged in β-amyloidosis
AUTHOR(S): Mazur-Kolecka, Bozena; Frackowiak, Janusz; Krzeslowska, Jolanta; Ramakrishna, Narayan; ***Haske, Taraneh; Emmerling, Mark R.***; Zhang, Wei; Kim, Kwang S.; Wisniewski, Henryk M.
CORPORATE SOURCE: Department of Pathological Neurobiology, New York State Institute for Basic Research in Developmental Disabilities, Staten Island, NY, USA
SOURCE: Journal of Neuropathology and Experimental Neurology (1999), 58(3), 288-295
CODEN: JNENAD; ISSN: 0022-3069
PUBLISHER: American Association of Neuropathologists, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Canine smooth muscle cells (SMCs), cultured from amyloid-affected brain blood vessels accumulate ***Alzheimer*** amyloid-β peptide (Aβ) intracellularly, either spontaneously or after treatment with apolipoprotein E (apoE). ApoE is codeposited with Aβ, which suggests that apoE participates in Aβ accumulation. We tested the hypothesis that apoE-induced accumulation of Aβ in SMCs is caused by an increased production of amyloid-β precursor protein (AβPP) and/or its altered metabolism We found that 24 h of treatment with apoE3 or apoE4 induced intracellular accumulation of Aβ-immunoreactive deposits in SMCs but did not influence AβPP production and processing. The treatment with apoE3 or E4 for 3 days resulted in the following: increased Aβ-accumulation; reduced levels of secreted Aβ; increased production and cellular retention of mature AβPP770; and reduced culture growth, cell proliferation, and viability. ApoE4, but not apoE3, increased cellular levels of mRNA AβPP 770 (the main form produced in SMCs) about ninefold. ApoE3 stimulated production and cellular retention of endogenous apoE. We hypothesize that Aβ accumulation is triggered by apoE, which may bind and immobilize soluble Aβ produced in SMCs.

The newly formed Aβ deposits may further accelerate Aβ accumulation by altering metabolism of AβPP.

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 6 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 6
ACCESSION NUMBER: 1999:272914 HCAPLUS Full-text
DOCUMENT NUMBER: 131:96769
TITLE: Emerging strategies for the treatment of ***Alzheimer***'s disease at the Millennium
AUTHOR(S): ***Emmerling, Mark R.***; Spiegel, Katharyn; Hall, Edward D.; ***LeVine, Harry***; Walker, Lary C.; Schwarz, Roy D.; Gracon, Stephen
CORPORATE SOURCE: Neuroscience Therapeutics, Parke-Davis Pharmaceutical Research, A Warner-Lambert Company, Ann Arbor, MI, 48106, USA
SOURCE: Emerging Drugs (1999), 4, 35-86
CODEN: EMDRFV; ISSN: 1361-9195
PUBLISHER: Ashley Publications
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

AB A review with 303 refs. It is estimated that by the year 2050 the number of cases of ***Alzheimer***'s disease (AD) will more than triple in the United States alone. As longevity increases, AD cases are expected to skyrocket from 4 - 14 m. Globally, the nos. may reach 60 - 80 m. Those expected to develop AD in the next century are presently in their 20s, 30s or 40s. Thus, steps must be taken to prevent this imminent epidemic, and the emotional and economic toll that it will exact on both patients and families. Numerous new strategies to treat AD have emerged in the last decade. This is the direct result of an increased understanding of the mol. pathol. associated with the development of AD dementia, as well as the harvesting of results from case-control and cohort epidemiol. studies. AD is no longer viewed solely as a disease of neurotransmitter deficits or amyloid deposition. Rather, it is a combination of events (amyloidosis, neurofibrillary pathol., inflammation, oxidative stress and cerebral vascular insufficiency) that conspire to produce this dementia. This avalanche of information reveals the complexity of the genetic and environmental contributors to AD. At the same time, these advances also delineate new avenues by which AD may be palliated, halted or averted. In the present review, we shall explore the emerging opportunities for the treatment and prevention of AD.

REFERENCE COUNT: 303 THERE ARE 303 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 7 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 7
ACCESSION NUMBER: 1997:405898 HCAPLUS Full-text
DOCUMENT NUMBER: 127:29104
TITLE: Naphthylazo compounds for inhibition of amyloidosis and diagnostic imaging
INVENTOR(S): Hays, Sheryl Jeanne; ***Levine, Harry, III***; ***Scholten, Jeffery David***
PATENT ASSIGNEE(S): Warner-Lambert Company, USA
SOURCE: PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9716194	A1	19970509	WO 1996-US16747	19961018
W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KR, LK, LR, LS, LT, LV, MG, MK, MN, MW, MX, NO, NZ, PL, RO, SD, SG, SI, SK, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9676642	A	19970522	AU 1996-76642	19961018
TW 452491	B	20010901	TW 1996-85113270	19961030
ZA 9609189	A	19970529	ZA 1996-9189	19961031
US 5955472	A	19990921	US 1998-66397	19980429
PRIORITY APPLN. INFO.:			US 1995-6230P P	19951102
			WO 1996-US16747 W	19961018

OTHER SOURCE(S): MARPAT 127:29104

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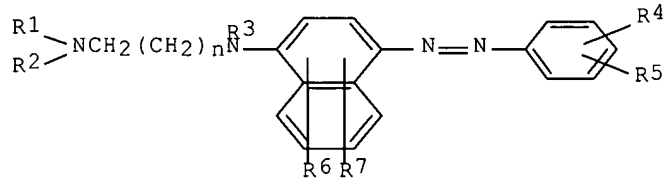

I

AB Amyloid aggregation in animals is inhibited by administering a naphthylazo compound I [R1, R2 = H, C1-4 alkyl, hydroxy-(C1-4)alkyl, C1-4 alkoxy-(C2-4)alkyl, C3-6 cycloalkyl, or R1NR2 = C4-12 heterocyclyl; n = 1-3; R3 = H, C1-4 alkyl; R4, R5 = H, OH, halo, C1-4 alkyl, etc.; R6, R7 = H, OH, halo, etc.] or a pharmaceutically acceptable acid addition salt thereof. The compds. are especially useful and preventing and treating ***Alzheimer***'s disease. Radioactive atom-labeled I are also disclosed for diagnosis of amyloid aggregation by imaging of brain tissue.

L39 ANSWER 8 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 8

ACCESSION NUMBER: 1997:405899 HCAPLUS Full-text

DOCUMENT NUMBER: 127:29105

TITLE: 9-Acridinones for inhibition of amyloidosis and for diagnostic imaging

INVENTOR(S): Hays, Sheryl Jeanne; ***Levine, Harry, III***; ***Scholten, Jeffrey David***

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 16 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

WO 9716191	A1	19970509	WO 1996-US16745	19961018
W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KR, LK, LR, LS, LT, LV, MG, MK, MN, MW, MX, NO, NZ, PL, RO, SD, SG, SI, SK, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU,				

TJ, TM
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

AU 9674563	A	19970522	AU 1996-74563		19961018
TW 470644	B	20020101	TW 1996-85113271		19961030
ZA 9609186	A	19970529	ZA 1996-9186		19961031
US 5972956	A	19991026	US 1998-66376		19980429
PRIORITY APPLN. INFO.:			US 1995-6388P	P	19951102
			WO 1996-US16745	W	19961018

OTHER SOURCE(S): MARPAT 127:29105
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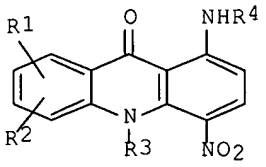

I

AB Amyloid aggregation in animals is inhibited by administering a 9-acridinone compound I [R1, R2 = H, halo, nitro, amino, hydroxy, trifluoromethyl, C1-4 alkyl, C1-4 alkoxy, C1-4 alkylthio, (R5)(R6)N-alkylene, (R5)(R6)N-alkyleneoxy, (R5)(R6)N-alkylenethio; R3 = H, C1-4 alkyl; R4 = alkylene-N(R5)(R6); alkylene = (branched) C2-4 hydrocarbyl; R5, R6 = H, C1-4 alkyl, hydroxy-(C1-4)alkyl, or R5NR6 = piperidyl or pyrrolidinyl] or pharmaceutically acceptable salt thereof. The compds. are especially useful in preventing and treating ***Alzheimer*** 's disease. I which have ≥1 radioactive atom are disclosed for diagnosis of amyloid aggregation by imaging of brain tissue.

L39 ANSWER 9 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 9
ACCESSION NUMBER: 1995:309359 HCAPLUS Full-text
DOCUMENT NUMBER: 122:96250
TITLE: PD 142676 (CI 1002), a novel anticholinesterase and muscarinic antagonist
AUTHOR(S): ***Emmerling, Mark R.***; Gregor, Vlad E.; Schwarz, Roy D.; ***Scholten, Jeff D.***; Callahan, Michael J.; Lee, Chitase; Moore, Catherine J.; Raby, Charlotte; Lipinski, William J.; Davis, Robert E.
CORPORATE SOURCE: Parke-Davis, Pharmaceutical Research, Warner-Lambert, Ann Arbor, MI, 48106, USA
SOURCE: Molecular Neurobiology (1994), 9(1-3), 93-106
CODEN: MONBEW; ISSN: 0893-7648
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Inhibition of brain acetylcholinesterase (AChE) can provide relief from the cognitive loss associated with ***Alzheimer***'s disease (AD). However, unwanted peripheral side effects often limit the usefulness of the available anticholinesterases. Recently, the authors identified a dihydroquinazoline compound, PD 142676 (CI 1002) that is a potent anticholinesterase and a functional muscarinic antagonist at higher concns. Peripherally, PD 142676, unlike other anticholinesterases, inhibits gastrointestinal motility in rats,

an effect consistent with its muscarinic antagonist properties. Centrally, the compound acts as a cholinomimetic. In rats, PD 142676 decreases core body temperature It also increases neocortical arousal, as measured by quant. electroencephalog., and cortical acetylcholine levels, measured by in vivo microdialysis. The compound improves the performance of C57/B10j mice in a water maze task and of aged rhesus monkeys in a delayed match-to-sample task involving short-term memory. The combined effect of AChE inhibition and muscarinic antagonism distinguishes PD 142676 from other anticholinesterases, and may be useful in treating the cognitive dysfunction of AD and produce fewer peripheral side effects.

L39 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:859497 HCAPLUS Full-text
DOCUMENT NUMBER: 123:305794
TITLE: CI-1002: A combined acetylcholinesterase inhibitor and muscarinic antagonist
AUTHOR(S): ***Emmerling, Mark R.***; Gregor, Vlad E.; Callahan, Michael J.; Schwarz, Roy D.; ***Scholten, Jeff D.***; Orr, Edward L.; Pugsley, Thomas; Moore, Catherine J.; Raby, Charlotte; et al.
CORPORATE SOURCE: Parke-Davis Pharmaceutical Research Division, Division Warner Lambert Co., Ann Arbor, MI, 48106, USA
SOURCE: CNS Drug Reviews (1995), 1(1), 27-49
CODEN: CDREFB; ISSN: 1080-563X
PUBLISHER: Neva Press
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
AB A review, with 58 refs. CI-1002 represents a distinct advance in the development of acetylcholinesterase inhibitors for the treatment ***Alzheimer***'s disease. The compound introduces and acetylcholinesterase inhibitor that also possesses muscarinic antagonist activity which is about 1/10 of the acetylcholinesterase inhibitor activity. The pharmacol. actions of CI-1002 are not accompanied by cholinergically mediated side effects that are typically associated with other acetylcholinesterase inhibitors. Thus, CI-1002 provides a precedent for combining its properties into a cognition-enhancing drug. Based on preclin. results, CI-1002 performs as well if not better than tacrine in improving performance on cognitive tasks. Thus CI-1002 is predicted to be useful for treatment of ***Alzheimer***'s disease.

L39 ANSWER 11 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 2000:290023 BIOSIS Full-text
DOCUMENT NUMBER: PREV200000290023
TITLE: Inhibition of amyloidosis by 9-acridinones.
AUTHOR(S): Hays, Sheryl Jeanne [Inventor, Reprint author]; ***LeVine, Harry*** [Inventor]; ***Scholten, Jeffery David*** [Inventor]
CORPORATE SOURCE: Brighton, MI, USA
ASSIGNEE: Warner-Lambert Company, Morris Plains, NJ, USA
PATENT INFORMATION: US 5972956 19991026
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Oct. 26, 1999) Vol. 1227, No. 4. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 6 Jul 2000
Last Updated on STN: 7 Jan 2002

AB Amyloid aggregation in animals is inhibited by administering a 9-acridinone compound of formula I, defined herein. The compounds are especially useful in preventing and treating ***Alzheimer***'s disease.

L39 ANSWER 12 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 2000:10680 BIOSIS Full-text
DOCUMENT NUMBER: PREV200000010680
TITLE: Naphthylazo inhibition of amyloidosis.
AUTHOR(S): Hays, Sheryl Jeanne [Inventor, Reprint author]; ***LeVine, Harry*** [Inventor]; ***Scholten, Jeffery David*** [Inventor]
CORPORATE SOURCE: Univ. of Michigan, Ann Arbor, MI, USA
ASSIGNEE: Warner-Lambert Company
PATENT INFORMATION: US 5955472 19990921
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 21, 1999) Vol. 1226, No. 3. print.
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 23 Dec 1999
Last Updated on STN: 31 Dec 2001

L39 ANSWER 13 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1999:80041 BIOSIS Full-text
DOCUMENT NUMBER: PREV199900080041
TITLE: Complement activation by smooth muscle cell associated beta-amyloid peptide.
AUTHOR(S): Watson, M. D.; Evans, L. M.; ***Haske, T.***; Lynch, T.; ***Levine, H. X.***; Spiegel, K.; Shivers, B. D.; ***Emmerling, M. R.***
CORPORATE SOURCE: Parke-Davis Pharm. Res. Div., Warner-Lambert Co., Neurosci. Therap., 2800 Plymouth Rd., Ann Arbor, MI 48105, USA
SOURCE: Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1463. print.
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 2. Los Angeles, California, USA. November 7-12, 1998.
ISSN: 0190-5295.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 1 Mar 1999
Last Updated on STN: 1 Mar 1999

L39 ANSWER 14 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1997:369815 BIOSIS Full-text
DOCUMENT NUMBER: PREV199799669018
TITLE: Complement activation by A-beta-1-42 bound to cultured smooth muscle cells: A possible mechanism for cell death in AD brains.
AUTHOR(S): Watson, M. D.; ***Haske, T.***; Lynch, T.; Barnes, L. M.; ***Levine, H.***; Spiegel, K.; Shivers, B. D.; ***Emmerling, M. R.***
CORPORATE SOURCE: Park-Davis Pharmaceutical Res., Div. Warner-Lambert Co., Ann Arbor, MI, USA
SOURCE: Experimental and Clinical Immunogenetics, (1997) Vol. 14,

No. 1, pp. 86.
Meeting Info.: 6th European Meeting on Complement in Human Disease. Innsbruck, Austria. March 12-15, 1997.
CODEN: ECIME4. ISSN: 0254-9670.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 4 Sep 1997
Last Updated on STN: 4 Sep 1997

L39 ANSWER 15 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1996:247251 BIOSIS Full-text
DOCUMENT NUMBER: PREV199698803380
TITLE: CI-1002, a novel anticholinesterase and muscarinic antagonist.
AUTHOR(S): ***Emmerling, Mark R.***; Gregor, Vlad E.; Schwarz, Roy D.; ***Scholten, Jeff D.***; Callahan, Michael J.; Lee, Chitase; Moore, Catherine J.; Raby, Charlotte; Lipinski, William J.; Davis, Robert E.
CORPORATE SOURCE: Parke-Davis Pharm. Res., Div. Warner-Lambert, Ann Arbor, MI 48106, USA
SOURCE: Hanin, I. [Editor]; Yoshida, M. [Editor]; Fisher, A. [Editor]. ADV BEHAV BIOL, (1995) pp. 483-490. Advances in Behavioral Biology; Alzheimer's and Parkinson's diseases: Recent developments.
Publisher: Plenum Press, 233 Spring Street, New York, New York, USA; Plenum Press, London, England, UK. Series: Advances in Behavioral Biology.
Meeting Info.: Selected Papers from the Third International Conference. Chicago, Illinois, USA. November 1-6, 1993.
CODEN: ADBBBW. ISSN: 0099-6246. ISBN: 0-306-45004-6.
DOCUMENT TYPE: Book
Conference; (Meeting)
Book; (Book Chapter)
Conference; (Meeting Paper)
LANGUAGE: English
ENTRY DATE: Entered STN: 31 May 1996
Last Updated on STN: 31 May 1996

L39 ANSWER 16 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1995:278220 BIOSIS Full-text
DOCUMENT NUMBER: PREV199598292520
TITLE: PD 114542 stains neuritic processes in affected regions of ***Alzheimer***'s disease brain but not in age-matched control brain.
AUTHOR(S): ***Levine, Harry Iii; Scholten, Jeff;*** Shivers, Brenda D.
CORPORATE SOURCE: Dep. Neurodegenerative Neurol. Disorders, Parke-Davis Pharm. Res. Div., Warner-Lambert Co., Ann Arbor, MI 48106, USA
SOURCE: Journal of Cellular Biochemistry Supplement, (1995) Vol. 0, No. 21B, pp. 105.
Meeting Info.: Keystone Symposium on the Molecular and Cellular Basis of Human Neurodegenerative Disease. Breckenridge, Colorado, USA. April 3-9, 1995.
ISSN: 0733-1959.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 5 Jul 1995
Last Updated on STN: 5 Jul 1995

L39 ANSWER 17 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1993:175662 BIOSIS Full-text
DOCUMENT NUMBER: PREV199344083262
TITLE: In vitro pharmacology of PD 142676, a novel cholinesterase inhibitor.
AUTHOR(S): ***Emmerling, M. R.***; Schwarz, R. D.; Gregor, V. E.; Lee, C.; Raby, C.; ***Scholten, J. D.***; Pugsley, T. A.; Davis, R. E.
CORPORATE SOURCE: Parke-Davis Pharm. Res. Div., Warner-Lambert Co., Ann Arbor, MI 48106, USA
SOURCE: Society for Neuroscience Abstracts, (1992) Vol. 18, No. 1-2, pp. 1246.
Meeting Info.: 22nd Annual Meeting of the Society for Neuroscience. Anaheim, California, USA. October 25-30, 1992.
ISSN: 0190-5295.
DOCUMENT TYPE: Conference; (Meeting)
LANGUAGE: English
ENTRY DATE: Entered STN: 2 Apr 1993
Last Updated on STN: 4 Apr 1993

L39 ANSWER 18 OF 18 WPIX COPYRIGHT 2006 THE THOMSON CORP on STN
ACCESSION NUMBER: 2004-294426 [27] WPIX
CROSS REFERENCE: 2002-194824
DOC. NO. CPI: C2004-112625 [27]
TITLE: Use of imidazole derivatives including dihydronaphthalenone imidazoles for inhibiting amyloid plaque formation in cell population for treating ***Alzheimer***'s disease
DERWENT CLASS: B03
INVENTOR: ***AHN K; EMMERLING M R; HASKE T ; HUPE D J; LEVINE H; SCHOLTEN J D***; SEBOT-LEOPOLD J
PATENT ASSIGNEE: (WARN-C) WARNER LAMBERT CO
COUNTRY COUNT: 1

PATENT INFO ABBR.:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
US 20040063770	A1	20040401	(200427)*	EN	14[2]	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 20040063770	A1 Provisional	US 2000-197484P	20000417
US 20040063770	A1 Cont of	US 2001-771529	20010129
US 20040063770	A1	US 2003-671385	20030926

PRIORITY APPLN. INFO: US 2003-671385 20030926
US 2000-197484P 20000417
US 2001-771529 20010129
AN 2004-294426 [27] WPIX

CR 2002-194824

AB US 20040063770 A1 UPAB: 20050528

NOVELTY - Inhibition of amyloid plaque formation in a cell population involves contacting the cell population with imidazole derivatives including dihydronaphthalenone imidazoles.

DETAILED DESCRIPTION - Inhibition of amyloid plaque formation in a cell population involves contacting the cell population with (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen- 1-one, 6-(2-(1H-imidazol-4-yl)-ethoxy)-3,4-dihydro-2H-naphthalen-1-one, E-(+/-)6-(2-imidazol-1-yl-1-phenyl-ethoxy)-2-thiophen-2-ylmethylene-3,4- dihydro-2H-naphthalen-1-one, 6-(1-(4-chloro-phenyl)-2-imidazol-1-yl- ethoxy)-3,4-dihydro-2H-napththalen-1-one, (R) 6-(2-imidazol-1-yl-1-phenyl- ethoxy)-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1-phenyl- ethoxy)4-phenyl-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1- phenyl-ethoxy)-5-isopropoxymethyl-3,4-dihydro-2H-naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenylaminomethyl-3,4-dihydro-2H- naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-(4- fluorophenyl)ethyl)-3,4-dihydro-2H-naphthalen-1-one, (S) 5-benzenesulfonylmethyl-6-(2-imidazol-1-yl-1-phenyl-ethoxy)-3,4-dihydro-2H- naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethylsulfanyl)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one, (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-pyridin-2-yl-ethyl)-3,4-dihydro-2H-naphthalen-1-one, 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-(2-pyridin-4-yl-ethyl)-3,4-dihydro- 2H-naphthalen-1-one, 4-(5-oxo-1-phenethyl-5,6,7,8-tetrahydro-naphthalen-2-yloxy)-4-phenyl-butyric acid, 6-(2-(3-benzyl-3H-imidazol-4-yl)-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one, trifluoro-acetate, (S) (1-((4-benzyloxy-benzyl)-((2-methyl-2-phenyl-propylcarbamoyl)-methyl)- carbamoyl)-2-(3H-imidazol-4-yl)-ethyl)-carbamic acid benzyl ester, (S) (2-(1H-imidazol-4-yl)-1-((4-methyl-benzyl)-(((1-phenyl-cyclobutylmethyl)- carbamoyl)-methyl)-carbamoyl)-ethyl)-carbamic acid benzyl ester, 1-methyl-4-(3-chlorophenyl)-6-((4-chlorophenyl)-(1-methylimidazol-5- yl)aminomethyl)-2,3-dihydroquinolin-2-one, or (S) (1-((4-benzyloxy-benzyl)- ((2-benzyloxy-ethylcarbamoyl)-methyl)-carbamoyl)-2-(1H-imidazol-4- yl)ethyl)-carbamic acid benzyl ester.

ACTIVITY - Neuroprotective; Nootropic.

MECHANISM OF ACTION - Amyloid aggregation inhibitor; Farnesyl protein transferase inhibitor.

Efficacy of (S) 6-(2-imidazol-1-yl-1-phenyl-ethoxy)-5-phenethyl-3,4-dihydro-2H-naphthalen-1-one (Ia) to inhibit amyloid aggregation was evaluated in CHO cells transfected with human amyloid precursor protein in Dulbecco's Modified Eagle medium containing (Ia). The grown cells were incubated at 37 degrees C and protein content was determined using BCA protein assay. (Ia) showed IC50 of 0.7 micro M.

USE - For inhibiting amyloid plaque formation in cell (e.g. brain cell, pancreatic cell, kidney cell, cardiac cell, neuronal cell or thyroid cell) in an animal and for treating amyloidosis associated with ***Alzheimer***'s disease (claimed) and Down's syndrome.

ADVANTAGE - The compounds are potent farnesyl protein transferase inhibitors.

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=> D HIS NOFIL

     (FILE 'HOME' ENTERED AT 14:48:00 ON 20 DEC 2006)

     FILE 'HCAPLUS' ENTERED AT 14:48:28 ON 20 DEC 2006
                E US2003-671385/APPS
L1             1 SEA ABB=ON  PLU=ON  US2003-671385/AP
                SEL RN

     FILE 'REGISTRY' ENTERED AT 14:48:41 ON 20 DEC 2006
L2            36 SEA ABB=ON  PLU=ON  (114787-91-6/BI OR 131384-38-8/BI OR
                175708-15-3/BI OR 18502-05-1/BI OR 192185-68-5/BI OR 196695-46-
                2/BI OR 209906-86-5/BI OR 24424-99-5/BI OR 26231-23-2/BI OR
                27656-18-4/BI OR 3470-50-6/BI OR 367267-37-6/BI OR 367267-46-7/
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                -8/BI OR 368879-84-9/BI OR 368879-97-4/BI OR 368880-01-7/BI OR
                368880-02-8/BI OR 368880-05-1/BI OR 368880-25-5/BI OR 368880-96
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                379683-38-2/BI OR 379683-39-3/BI OR 379683-40-6/BI OR 379683-43
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L3             4 SEA ABB=ON  PLU=ON  "NAPHTHALEN" AND "ONE" AND "IMIDAZOL" AND
                "YL" AND "PHENYL" AND "ETHOXY" AND "4-FLUOROPHENYL" AND
                "ETHYL"
                D SCA L3

     FILE 'HCAPLUS' ENTERED AT 14:51:24 ON 20 DEC 2006
L4             2 SEA ABB=ON  PLU=ON  L3
L5             1 SEA ABB=ON  PLU=ON  L4 AND L1

     FILE 'REGISTRY' ENTERED AT 14:51:34 ON 20 DEC 2006
L6               STR
L7             0 SEA SSS SAM L6
L8       1762424 SEA ABB=ON  PLU=ON  NCNC2/ESS
L9            15 SEA SUB=L8 SSS SAM L6
L10          479 SEA SUB=L8 SSS FUL L6

     FILE 'HCAPLUS' ENTERED AT 14:53:49 ON 20 DEC 2006
L11           12 SEA ABB=ON  PLU=ON  L10

     FILE 'REGISTRY' ENTERED AT 14:54:13 ON 20 DEC 2006
L12            0 SEA ABB=ON  PLU=ON  L10 AND MEDLINE/LC
L13            0 SEA ABB=ON  PLU=ON  L10 AND (EMBASE OR BIOSIS)/LC
                DIS

     FILE 'BEILSTEIN' ENTERED AT 14:54:36 ON 20 DEC 2006
L14            0 SEA SSS SAM L6
L15              STR L6
L16            1 SEA SSS SAM L15
L17            2 SEA SSS FUL L15
L18            0 SEA ABB=ON  PLU=ON  L17 AND RN/FA
L19            2 SEA ABB=ON  PLU=ON  L17 AND BABSAN/FA
                SEL BABSAN L19

     FILE 'MARPAT' ENTERED AT 14:56:53 ON 20 DEC 2006
L20            3 SEA SSS SAM L15
L21           21 SEA SSS FUL L15
L22           17 SEA ABB=ON  PLU=ON  L21 NOT L11

     FILE 'WPIX' ENTERED AT 14:58:04 ON 20 DEC 2006
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L23          12 SEA SSS SAM L15
L24         135 SEA SSS FUL L15
L25           4 SEA ABB=ON  PLU=ON  L24/DCR
                SEL L24 SDCN
L26           4 SEA ABB=ON  PLU=ON  (RADX2Z/DCN OR RADX3A/DCN OR RADX31/DCN OR
                RADX33/DCN OR RADX34/DCN OR RADX35/DCN OR RADX38/DCN OR
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                RA5UVV/DCN OR RA5UVW/DCN OR RA5UVX/DCN OR RA5UVY/DCN OR
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                483111-0-0-0/DCRE OR 483113-0-0-0/DCRE OR 483116-0-0-0/DCRE OR
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                483178-0-0-0/DCRE OR 483179-0-0-0/DCRE OR
L28           4 SEA ABB=ON  PLU=ON  L25 OR L26

     FILE 'HCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 16:16:45 ON 20
     DEC 2006
L*** DEL    506 S AHN K/AU
                E AHN K/AU
L29        2117 SEA ABB=ON  PLU=ON  ("AHN K"/AU OR "AHN K A"/AU OR "AHN K
                B"/AU OR "AHN K C"/AU OR "AHN K D"/AU OR "AHN K E"/AU OR "AHN
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                "AHN K K"/AU OR "AHN K L"/AU OR "AHN K M"/AU OR "AHN K O"/AU
                OR "AHN K P"/AU OR "AHN K R"/AU OR "AHN K S"/AU OR "AHN K S A
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                K Z"/AU OR "AHN KYUNGHYE"/AU)
                E EMMERLING M/AU
L30         356 SEA ABB=ON  PLU=ON  ("EMMERLING M"/AU OR "EMMERLING M R"/AU OR
                "EMMERLING MARK"/AU OR "EMMERLING MARK R"/AU OR "EMMERLING
                MARK RICHARD"/AU)
                E HASKE T/AU
L31          51 SEA ABB=ON  PLU=ON  ("HASKE T"/AU OR "HASKE T L"/AU OR "HASKE
                T N"/AU OR "HASKE TARANEH"/AU OR "HASKE TARANEH N"/AU)
                E HUPE D/AU
L32         299 SEA ABB=ON  PLU=ON  ("HUPE D"/AU OR "HUPE D J"/AU OR "HUPE
                DONALD"/AU OR "HUPE DONALD J"/AU OR "HUPE DONALD JOHN"/AU)
                E SEBOLT-L/AU
L*** DEL     27 S E4
                E SEBOLT/AU
L33         221 SEA ABB=ON  PLU=ON  ("SEBOLT J"/AU OR "SEBOLT LEOPOLD"/AU OR
                "SEBOLT LEOPOLD J"/AU OR "SEBOLT LEOPOLD J S"/AU OR "SEBOLT
                LEOPOLD JUDITH"/AU OR "SEBOLT LEOPOLD JUDITH S"/AU OR "SEBOLT
                LEOPOLD JUDY"/AU OR "SEBOLT LEPOLD J"/AU)
                E LEVINE III/AU
L*** DEL     58 S E4-5
                E LEVINE H/AU
L*** DEL   1957 S E3-25
L*** DEL    341 S E30-45
L34        2356 SEA ABB=ON  PLU=ON  (L*** OR L*** OR L***)
                E SCHOLTEN J/AU
L35         228 SEA ABB=ON  PLU=ON  ("SCHOLTEN J"/AU OR "SCHOLTEN J D"/AU OR
                "SCHOLTEN JEFF"/AU OR "SCHOLTEN JEFF D"/AU OR "SCHOLTEN
                JEFFEREY D"/AU OR "SCHOLTEN JEFFERY D"/AU OR "SCHOLTEN JEFFERY
                DAVID"/AU OR "SCHOLTEN JEFFREY"/AU OR "SCHOLTEN JEFFREY A"/AU
                OR "SCHOLTEN JEFFREY D"/AU OR "SCHOLTEN JEFFREY DAVID"/AU)
L36         132 SEA ABB=ON  PLU=ON  (L29 AND (L30 OR L31 OR L32 OR L33 OR L34
                OR L35)) OR (L30 AND (L31 OR L32 OR L33 OR L34 OR L35)) OR
                (L31 AND (L32 OR L33 OR L34 OR L35)) OR (L32 AND (L33 OR L34
                OR L35)) OR (L33 AND (L34 OR L35)) OR (L34 AND L35)
L37          77 DUP REM L36 (55 DUPLICATES REMOVED)
                     ANSWERS '1-38' FROM FILE HCAPLUS
                     ANSWERS '39-40' FROM FILE MEDLINE
                     ANSWER '41' FROM FILE EMBASE
                     ANSWERS '42-76' FROM FILE BIOSIS
                     ANSWER '77' FROM FILE WPIX
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L38          33 SEA ABB=ON  PLU=ON  L36 AND ALZH?
L39          18 DUP REM L38 (15 DUPLICATES REMOVED)
                    ANSWERS '1-10' FROM FILE HCAPLUS
                    ANSWERS '11-17' FROM FILE BIOSIS
                    ANSWER '18' FROM FILE WPIX

     FILE 'REGISTRY' ENTERED AT 16:26:34 ON 20 DEC 2006
               D QUE STAT L6

     FILE 'HCAPLUS' ENTERED AT 16:27:12 ON 20 DEC 2006
               D QUE NOS L11

     FILE 'MARPAT' ENTERED AT 16:27:31 ON 20 DEC 2006
               D QUE L21

     FILE 'WPIX' ENTERED AT 16:28:01 ON 20 DEC 2006
               D QUE L28

     FILE 'HCAPLUS, MARPAT, WPIX' ENTERED AT 16:28:17 ON 20 DEC 2006
L40          30 DUP REM L11 L21 L28 (7 DUPLICATES REMOVED)
                    ANSWERS '1-12' FROM FILE HCAPLUS
                    ANSWERS '13-29' FROM FILE MARPAT
                    ANSWER '30' FROM FILE WPIX
               D L40 IBIB ABS HITSTR 1-12
               D L40 IBIB ABS QHIT 13-29
               D L40 IBIB ABS HITSTR 30

     FILE 'BEILSTEIN' ENTERED AT 16:33:21 ON 20 DEC 2006
               D QUE L19
               D L19 IDE ALLREF 1-2

     FILE 'HCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 16:34:25 ON 20
     DEC 2006
               D QUE L39
               D L39 IBIB ABS TOT
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